I.O.S.

APPENDIX

GREAT METEOR EAST: A BIOLOGICAL CHARACTERISATION

BY

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OCEAN DISPOSAL OF HIGH LEVEL RADIOACTIVE WASTE

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INSTITUTE OF
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DEACON LABORATORY

NATURAL ENVIRONMENT RESEARCH COUNCIL

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Table 8.9

RMT8 hauls for: S.hexaptera 0-1500m Day and Night Series

Nos. per 10,000cu m of water filtered

Day			Night		
Station	Depth ranges(m)	Nos.	Station	Depth ranges(m)	Nos.
11261#29	2 - 25	10.09	11261#73	0 - 25	164.71
#30	25 - 50	50.59	#74	25 - 50	26.28
#31	50 - 100	265.31	#75	50 - 100	251.96
#14	0 - 100	167.80	#39	0 - 100	420.00
#13	100 - 200	71.21	#40	100 - 200	17.81
#12	200 - 300	305.54	#41	200 - 300	150.68
# 1	300 - 400	25.00	#22	300 - 400	28.03
* # 2	400 - 500	1.01	#23	400 - 500	0.32
* #32	400 - 500	0.68	#24	500 - 600	0.70
* # 3	500 - 600	-	#61	600 - 700	0.35
* #33	500 - 600	2.54	#62	700 - 800	-
# 4	600 - 700	1.26	#38	800 - 895	1.86
# 5	700 - 800	-	#19	910 -1000	2.32
# 6	800 - 900	1.03	#20	1000 -1100	-
#15	900 -1000	0.65	#21	1100 -1200	0.70
#16	1000 -1100	1.58	#66	1200 -1300	0.96
#17	1100 -1200	2.06	#67	1300 -1400	0.91
#26	1200 -1300	2.51	#68	1400 -1520	2.06
#27	1300 -1400	0.36			
#28	1400 -1500	1.08			

Table 8.10

RMT8 hauls for: S.hexaptera Deep Midwater Series

Nos. per 10,000cu m of water filtered

Station	Depth ranges(m)	
11262#01	1500 -1910	0.58
# 2	1910 -2315	0.15
# 3	2310 -2700	0.67
# 4	2700 -3110	0.90
# 5	3110 -3500	-
# 6	3330 -3910	0.44
#10	3900 -4295	0.35
#11	4295 -4720	-
#12	4720 -5110	-
11261#48	5132 -5233	0.17
#47	5233 -5325	-
#46	5325 -5427	0.15
11261#54	5388 -5347(49-90mob)	-
#55	5388 -5415(24-55mob)	-
#56	5415 -5425(11-25mob)	-
#63	5345 -5385(48-90mob)	-
#64	5385 -5410(25-48mob)	-
#65	5410 -5430(11-31mob)	0.54
11262#25	5340 -5375(51-90mob)	0.65
#26	5375 -5415(25-51mob)	-
#27	5415 -5430(10-25mob)	0.34

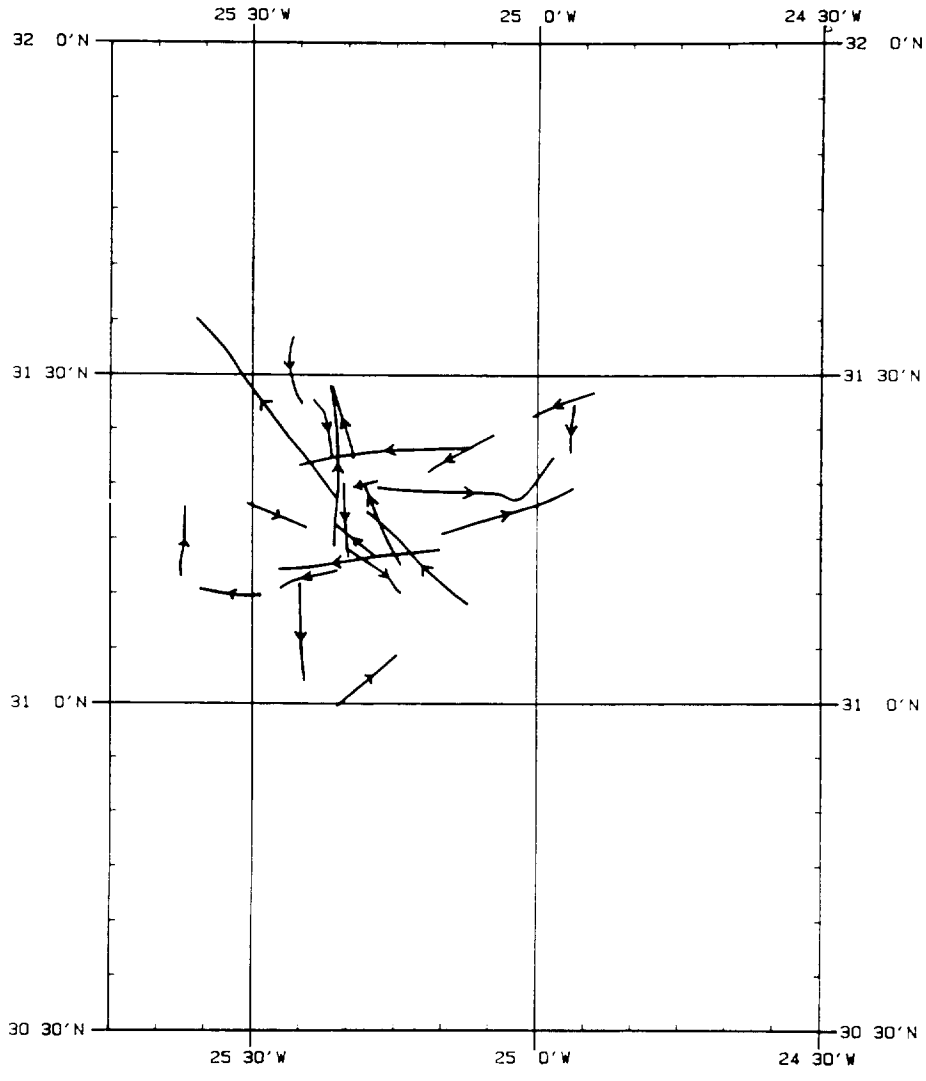


Fig. 1.I Great Meteor East: track charts of the midwater sampling.

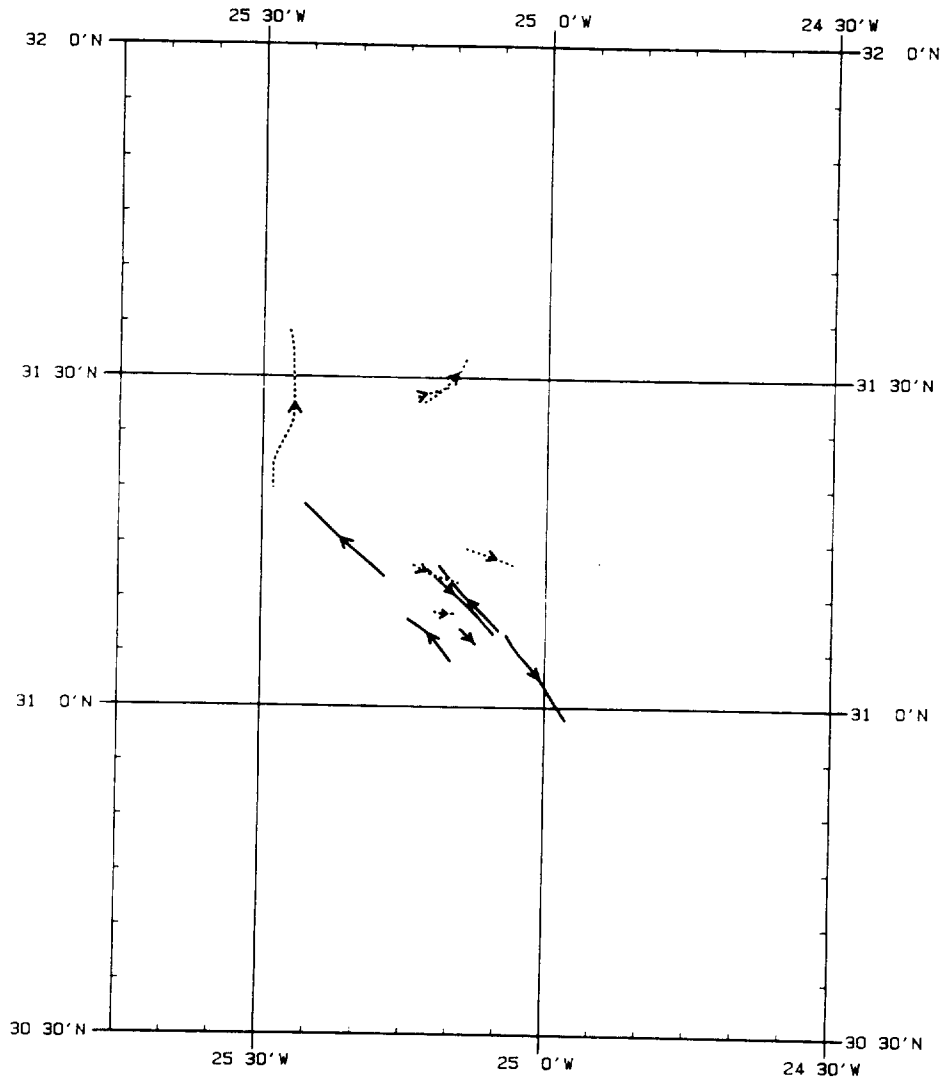


Fig. 1.II Great Meteor East: track charts of the benthic sampling; ⋰ = sledge hauls, / = Otter trawl hauls.

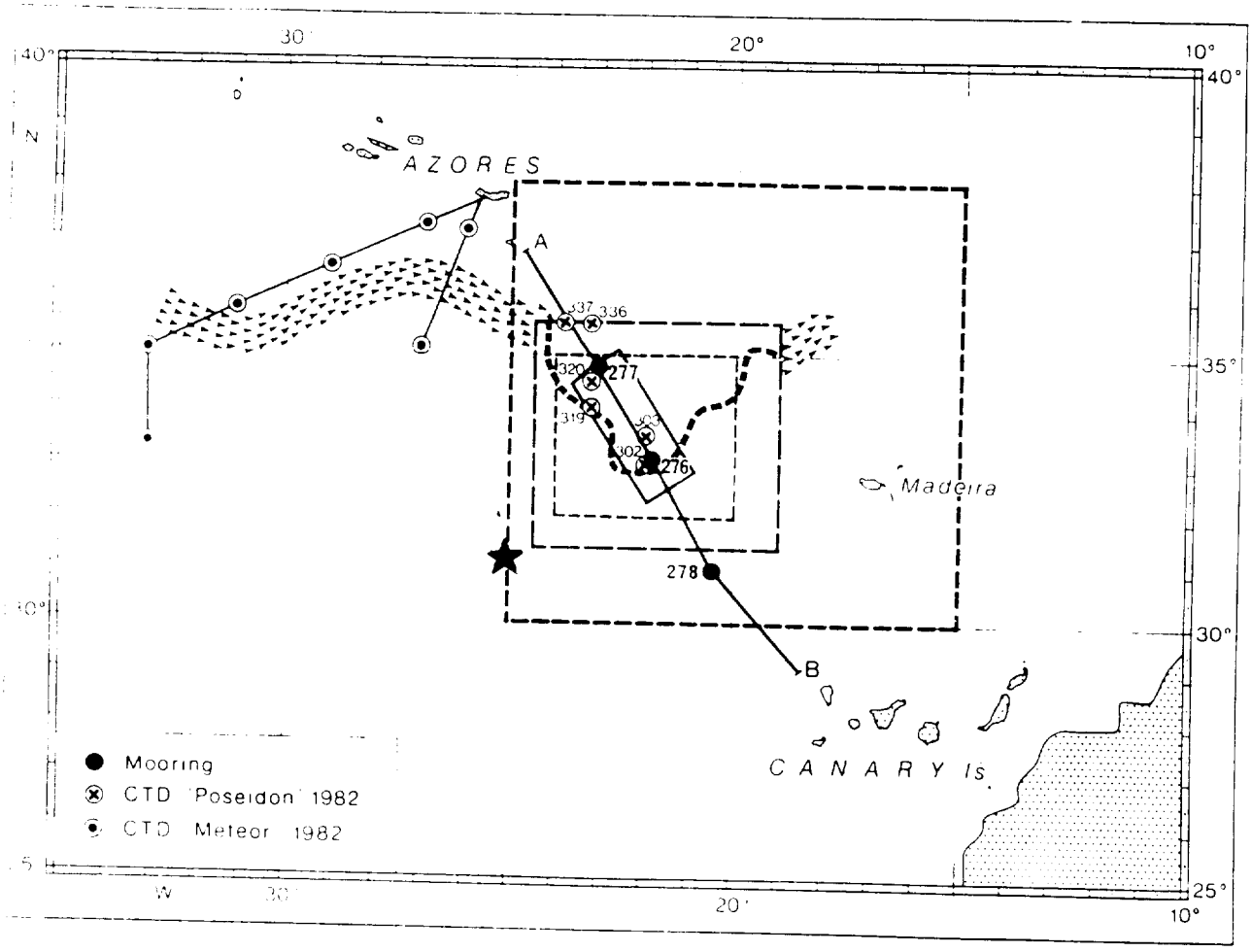


Fig. 2.I Position of a subtropical front (arrows) as determined by Siedler et al (1985, their fig. 1). The site of the GME survey is marked by a star.

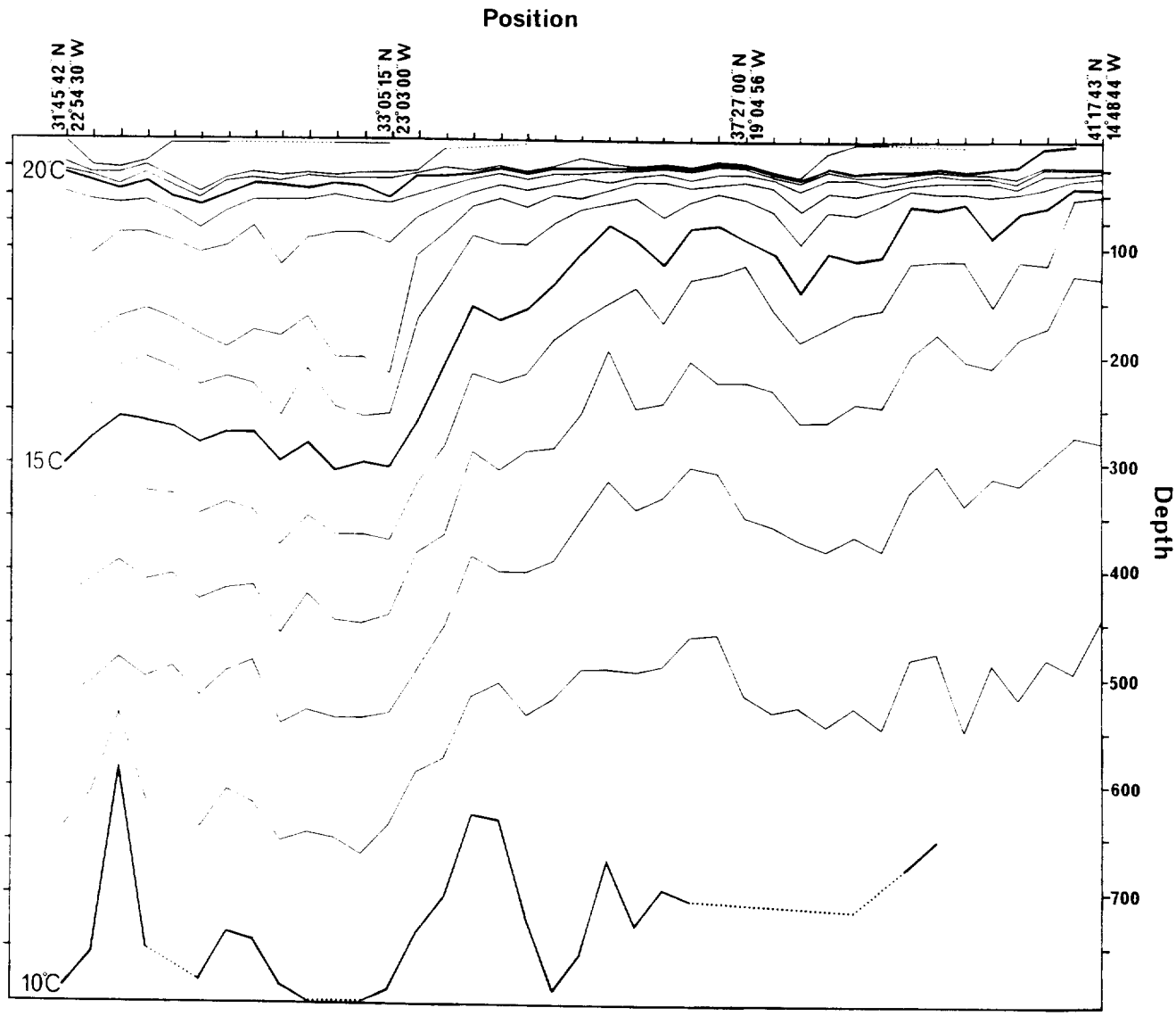


Fig. 2.II XBT profile taken at GME and on passage in a northeasterly direction. The front at 33°05'N, 23°03'W was crossed on 22 July 1985.

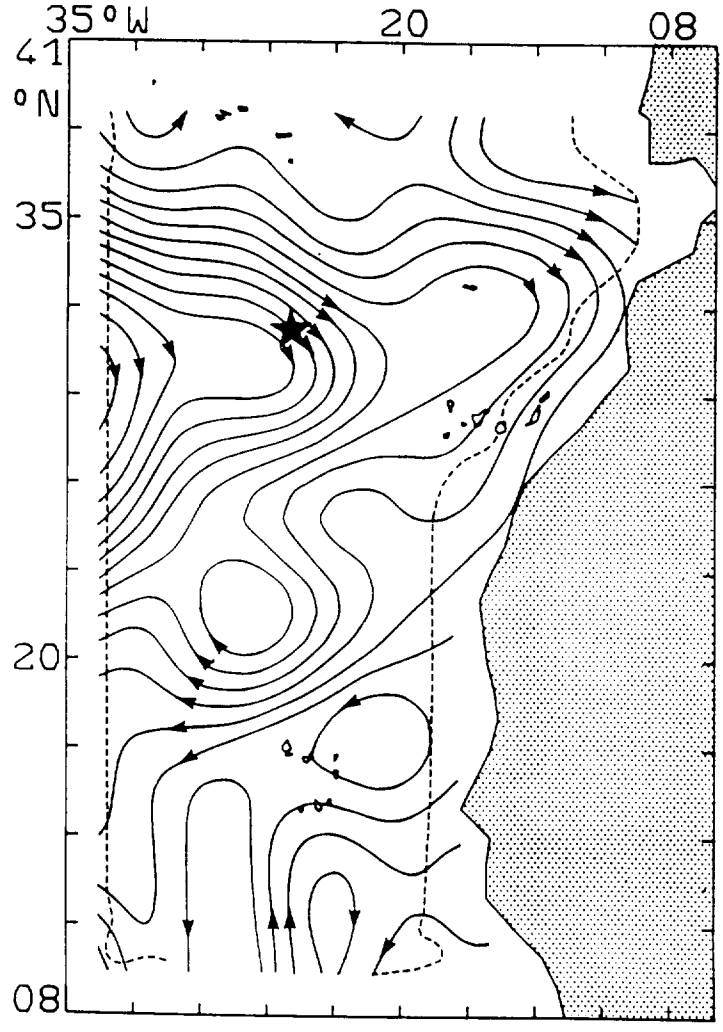


Fig.2.III The integrated volume transport (0-800m) determined from mean density profiles by Stramma (1984, his fig. 7). Each flow line between the broken lines represents $10^6 m^3 s^{-1}$; outside the broken lines errors are greater than 1 x $10^6 m^3 s^{-1}$. The site of the GME survey is marked with a star.

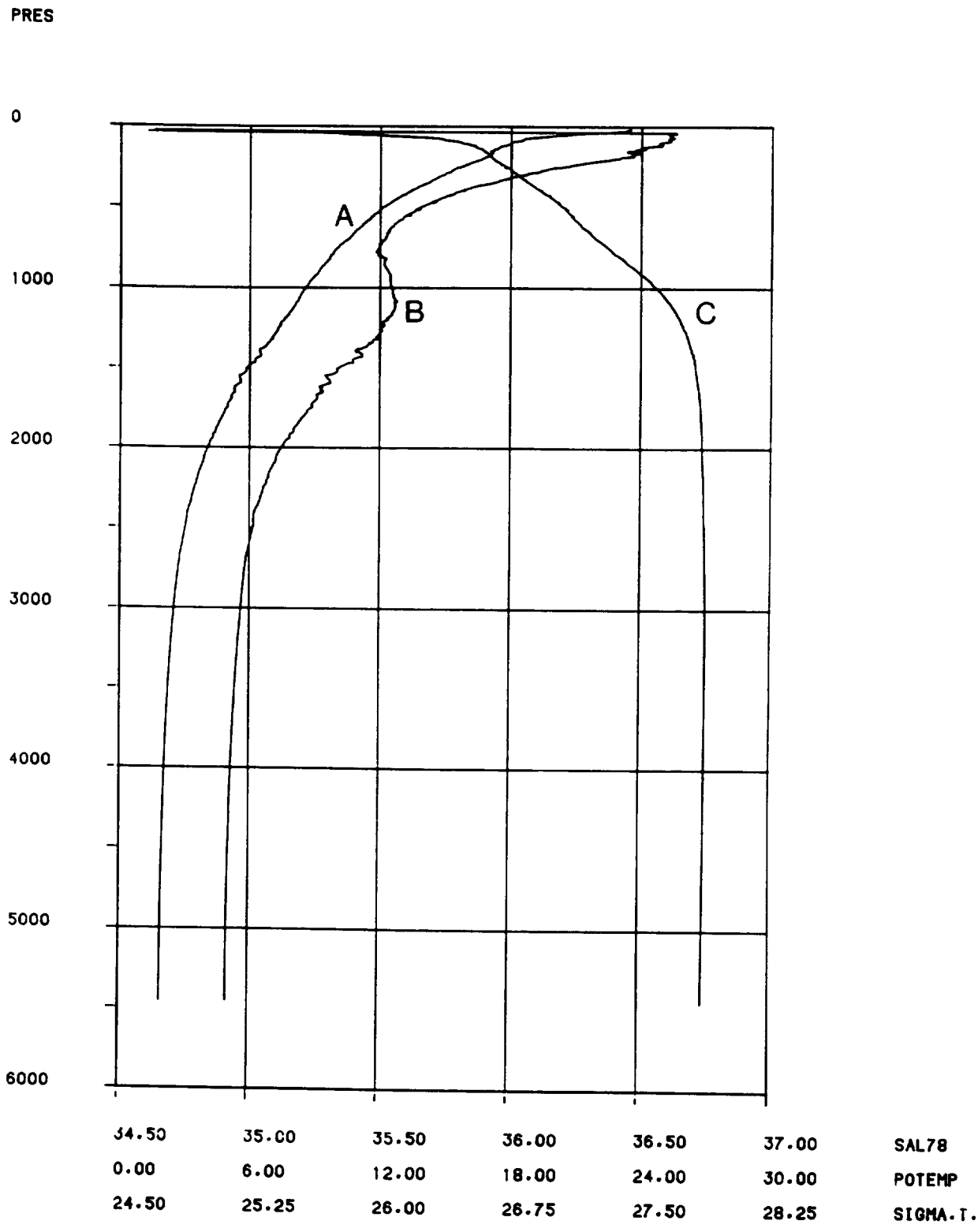


Fig. 2.IV Vertical profiles of potential temperature (A, °C), salinity (B, $^{\circ}/_{oo}$) and sigma theta (C, kg m^{-3}) against depth (dB) at station 11262#7.

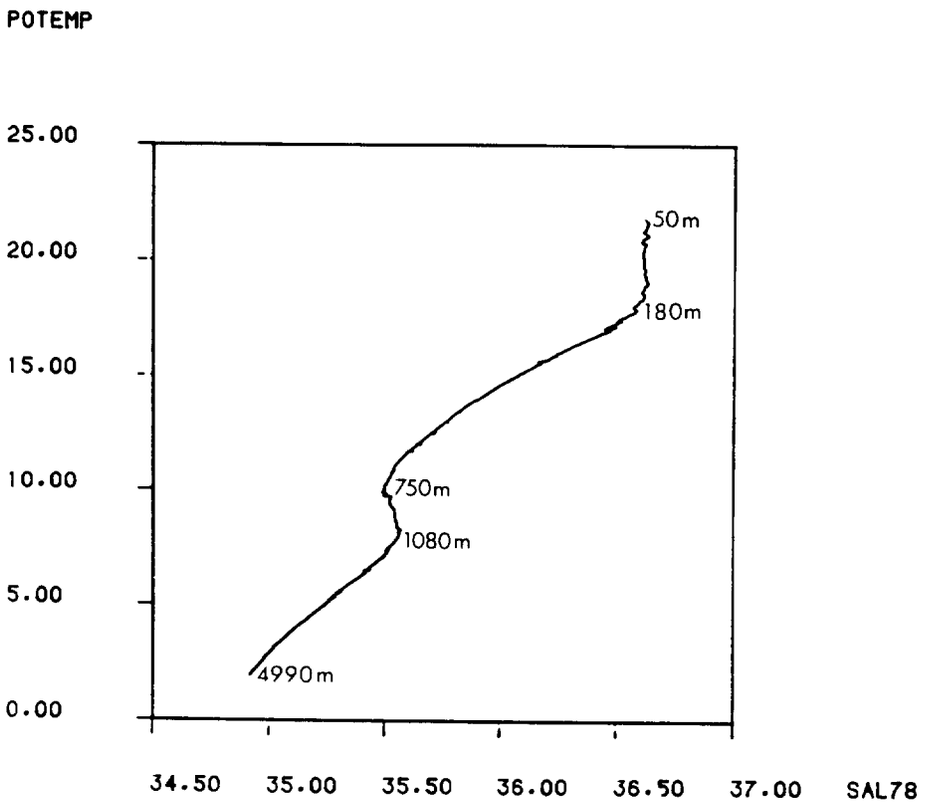


Fig. 2.V Potential temperature-salinity plot for station 11261#7.

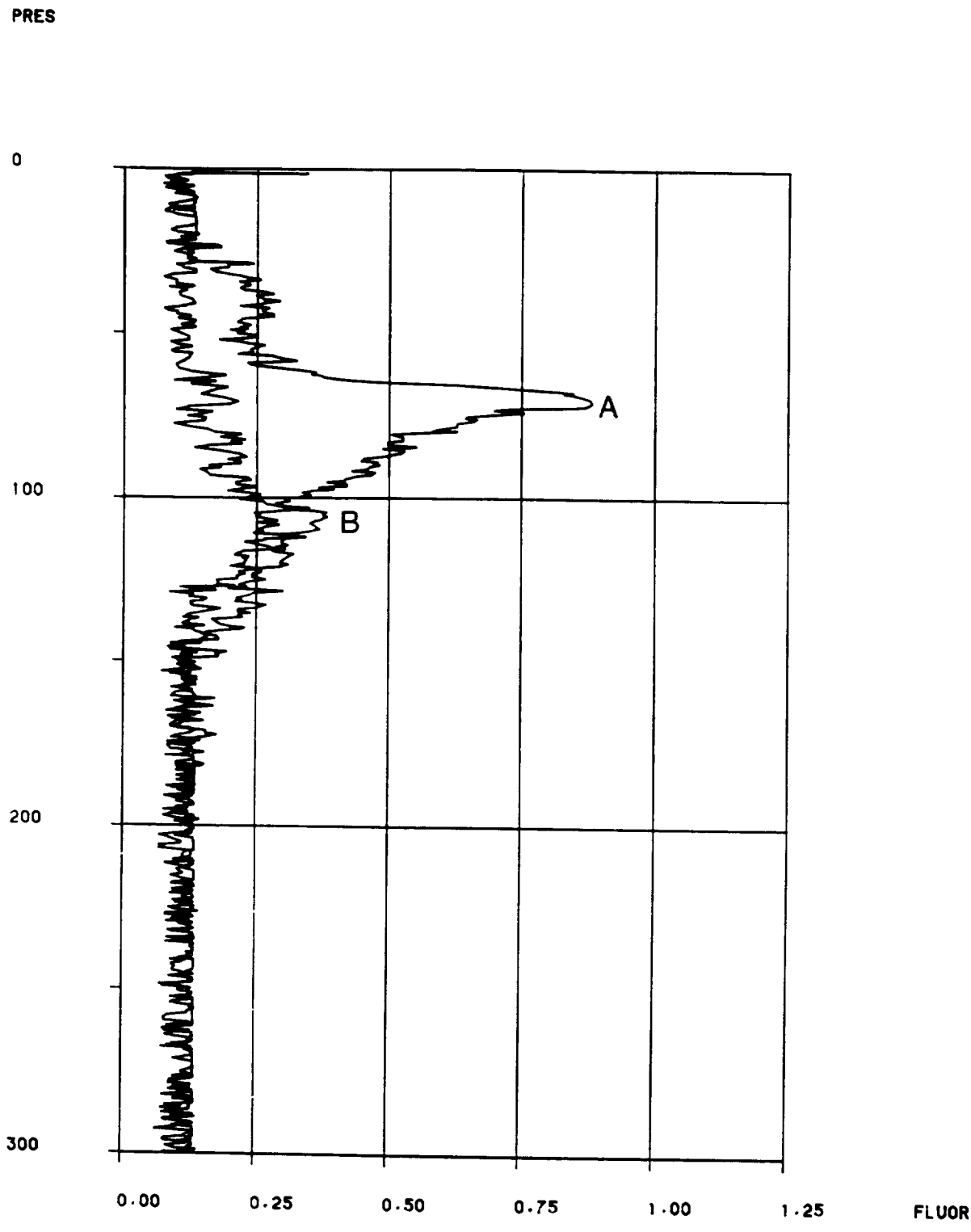


Fig. 3.I Vertical profiles of phytoplankton chlorophyll (mg m^{-3}, chlorophyll a) against depth (dB) for stations 11259 (A) and 11260 (B).

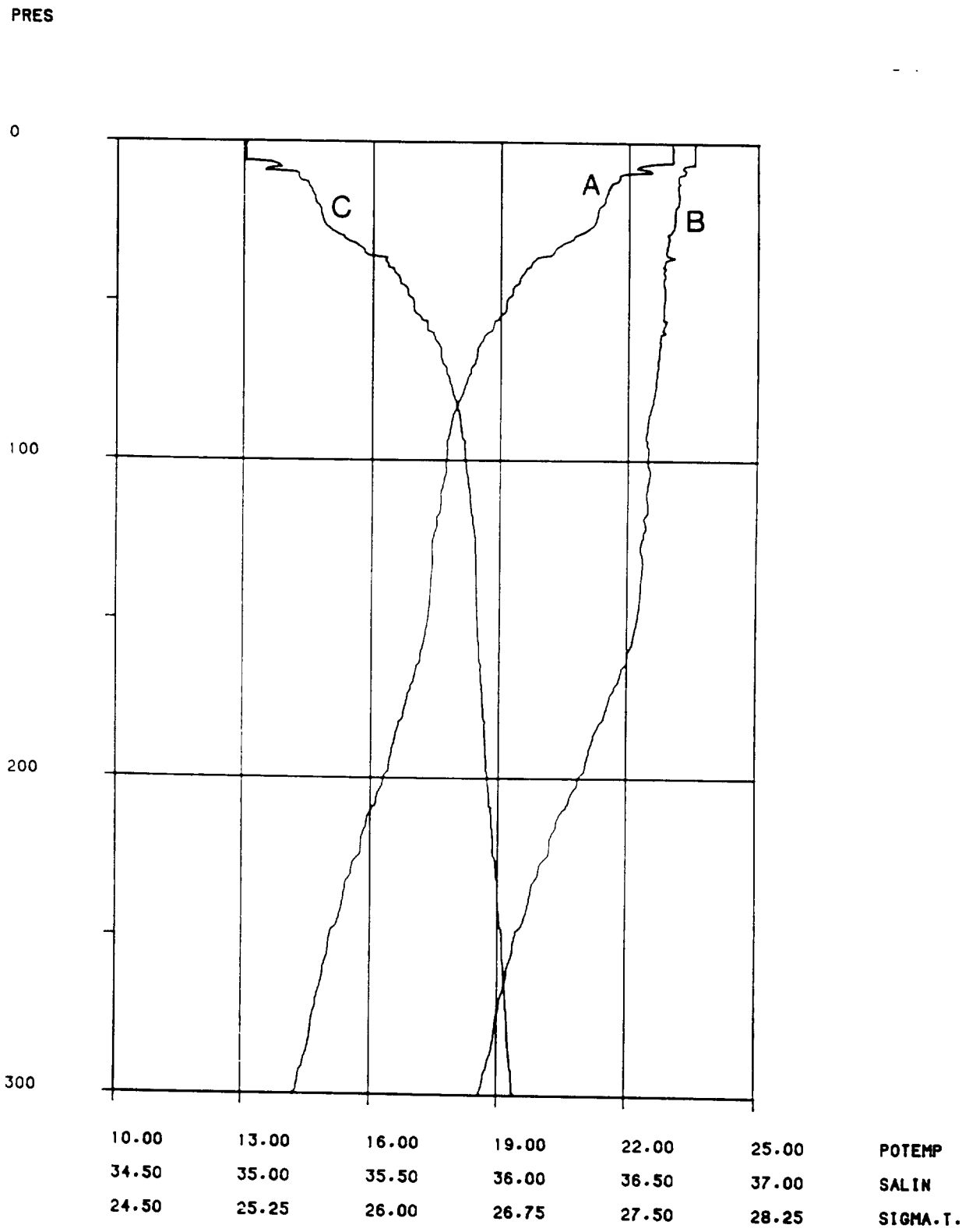


Fig. 3.II Vertical profile of potential temperature (A, °C), salinity (B, $^{o}/_{oo}$) and sigma.theta (C, kg m^{-3}) against depth (dB) at station 11261#42.

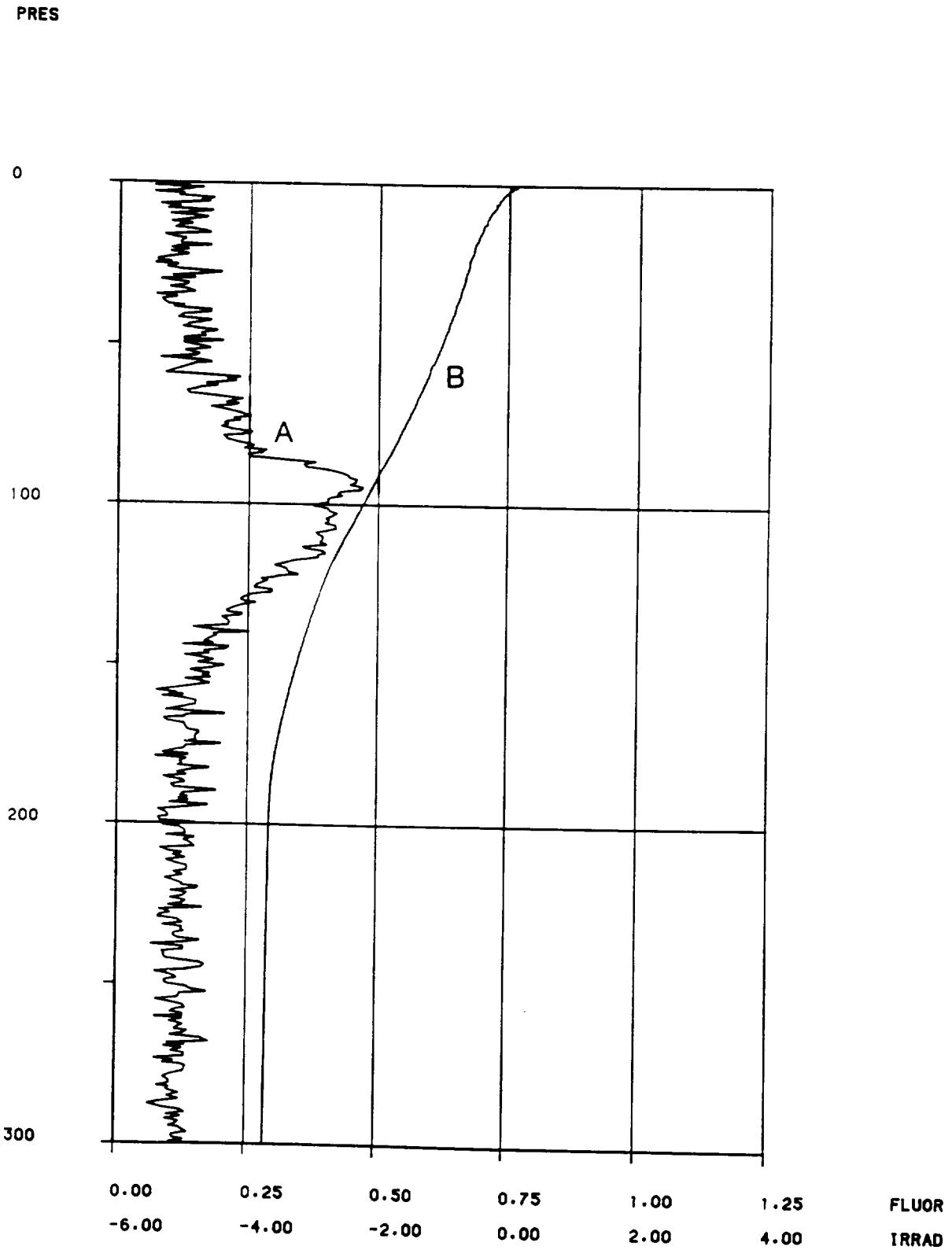


Fig. 3.III Vertical profile of phytoplankton chlorophyll (A, mg m^{-3} chlorophyll a) and the log of irradiance (B, $\log_{10}$ (Watts m^{-2}) against depth (dB) at station 11261#42.

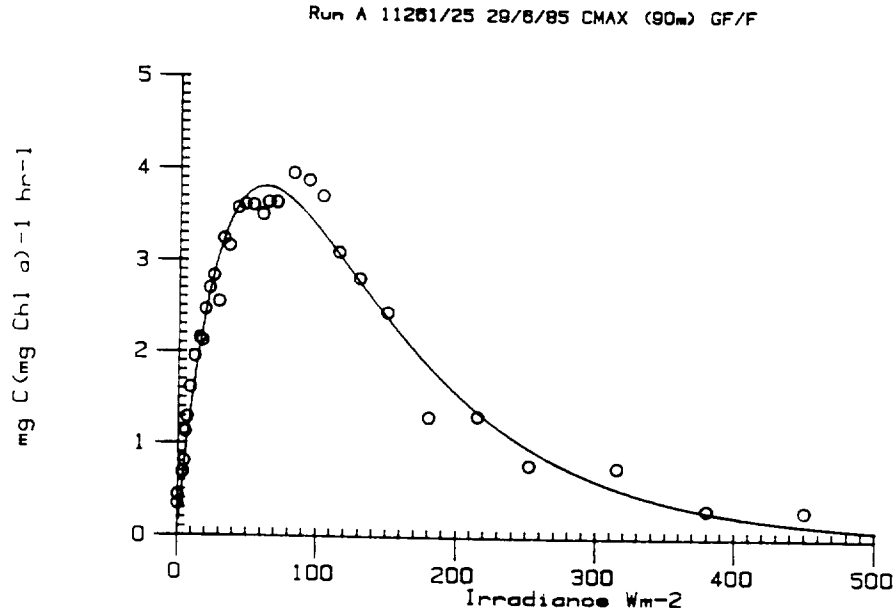


Fig. 4.I Production-irradiance curve for station 11261#25, the open circles are the observed levels of productivity. The solid line is the fitted curve.

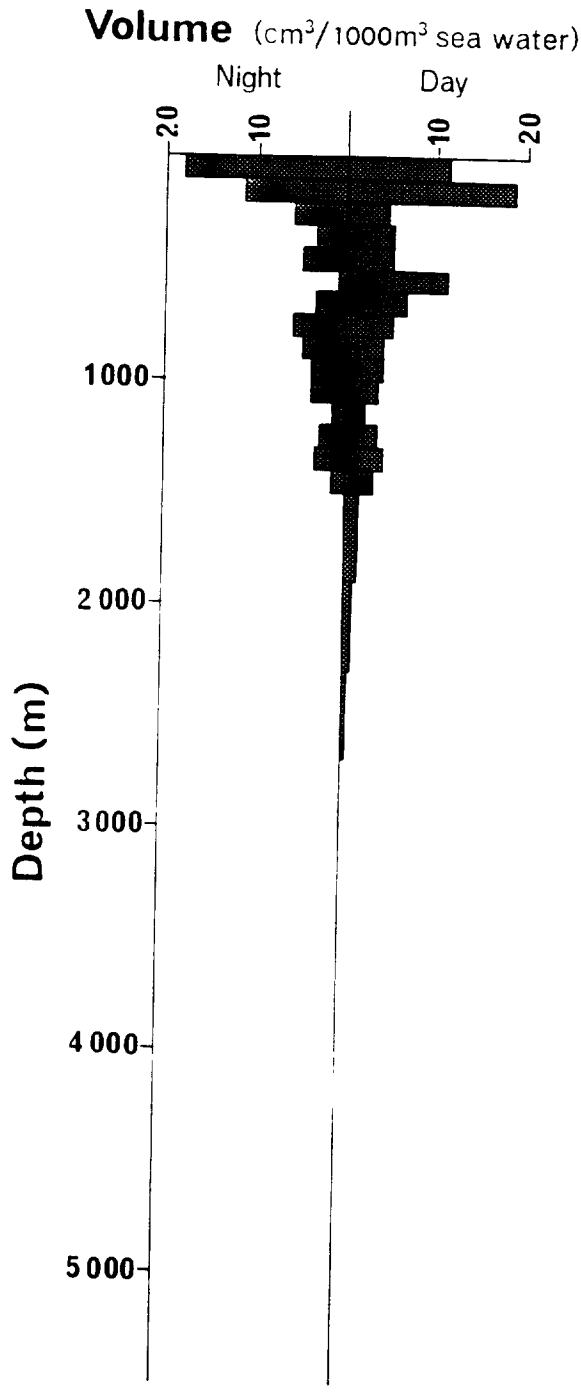


Fig. 6.I Displacement volume/depth of plankton caught by the RMT 1 (size range 0.32-4.5mm).

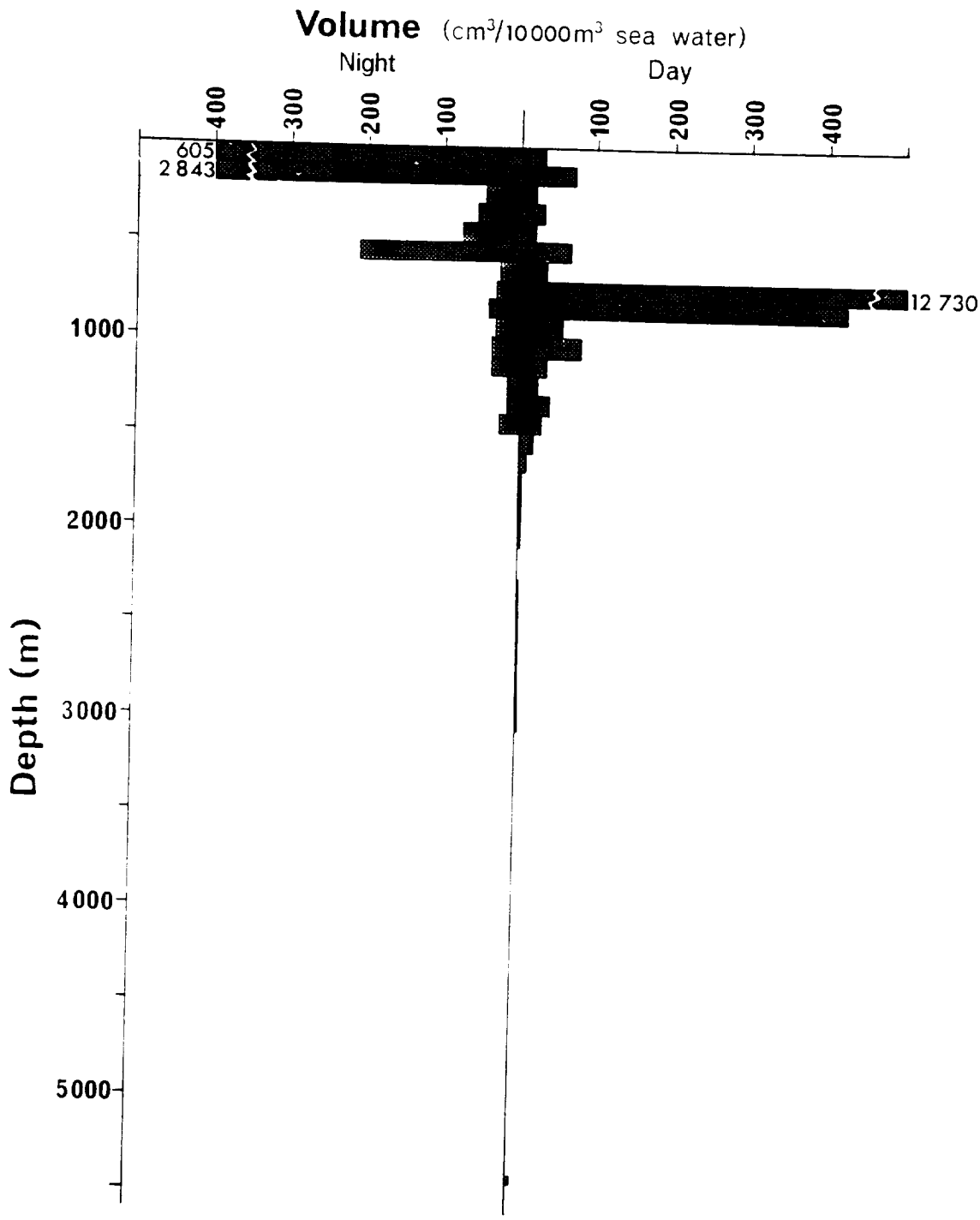


Fig. 6.II Displacement volume/depth of micronekton caught by the RMT 8 (size range (>4.5mm).

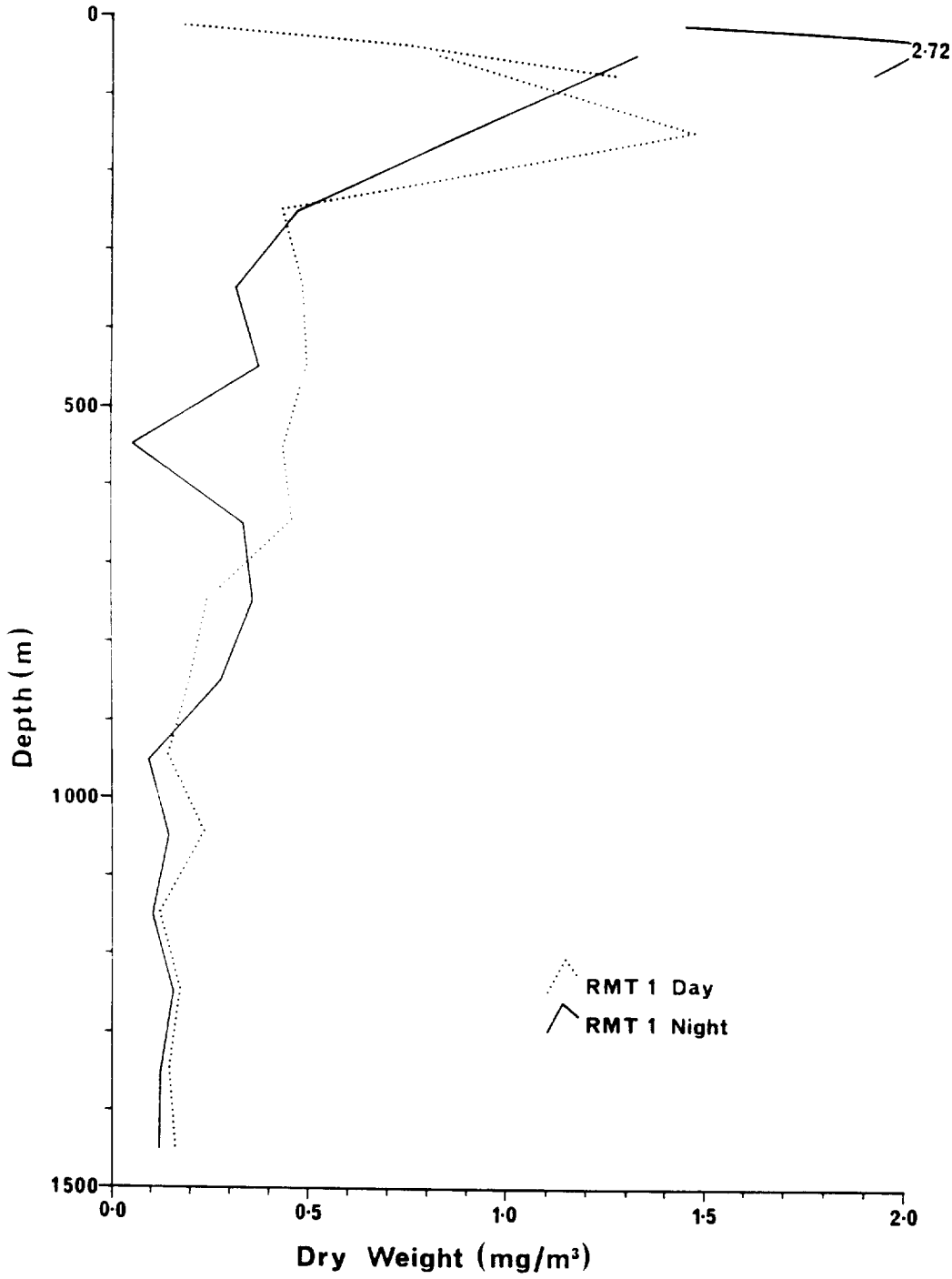


Fig. 6.III Biomass of plankton, size range 0.32-1.0mm, between 0-1500m. Data for the 0-100m hauls and the subdivided 0-100m hauls are plotted.

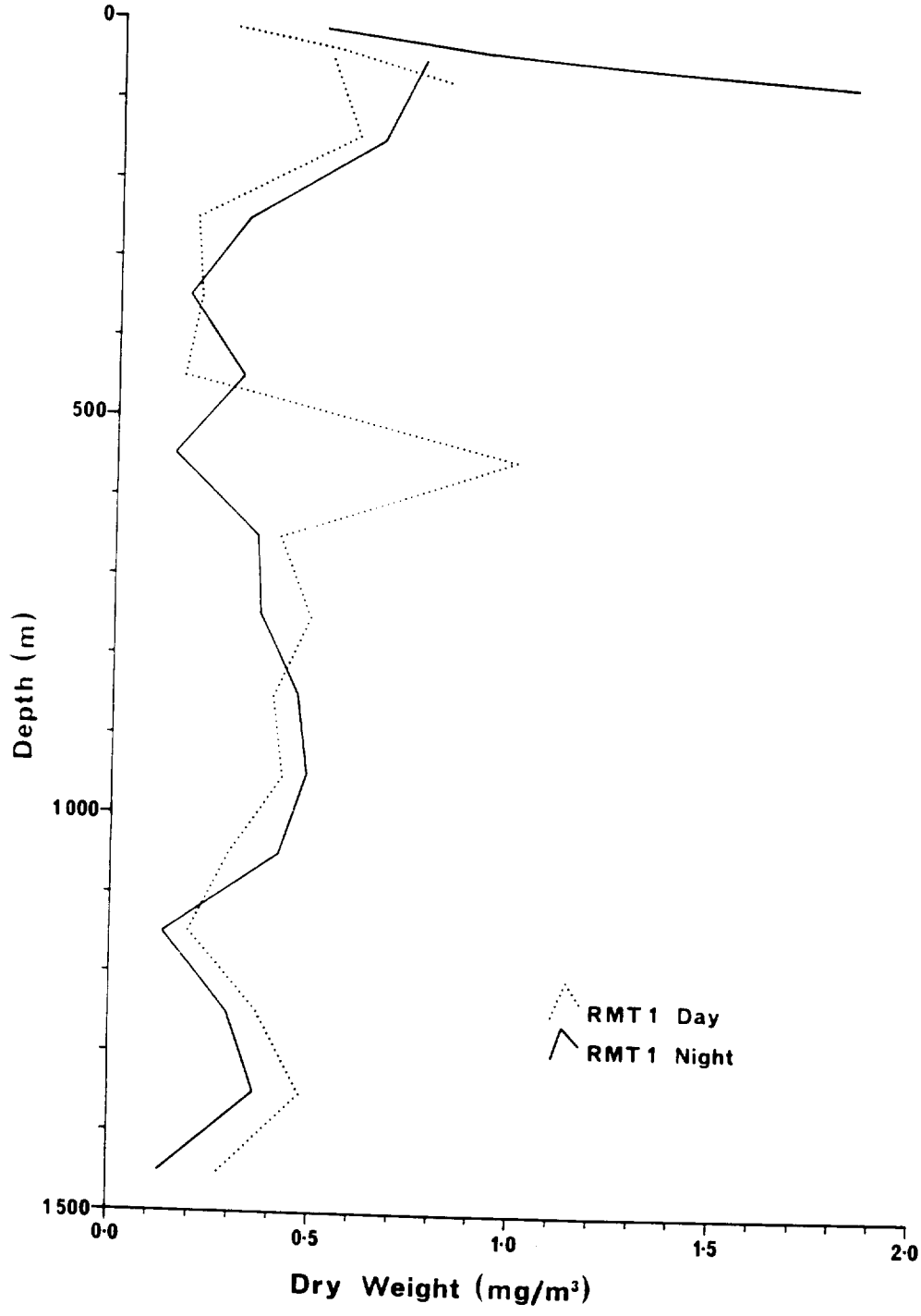


Fig. 6.IV Biomass of plankton, size range 1.0-4.5mm, between 0-1500m. Data for the 0-100m hauls and the subdivided 0-100m hauls are plotted.

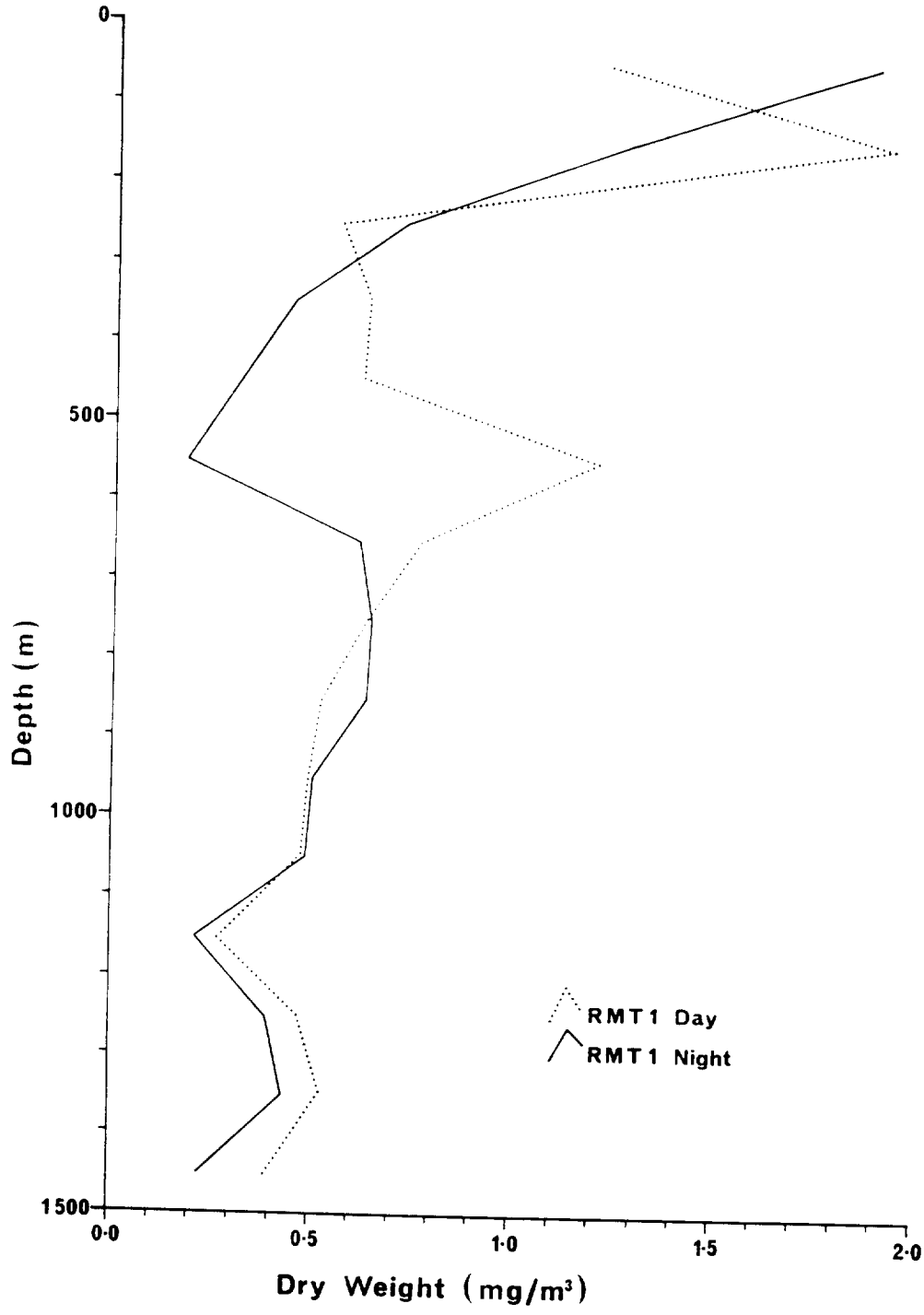


Fig. 6.V Biomass of total plankton, size range 0.32-4.5mm, between 0-1500m. Data for the 0-100m hauls only are plotted.

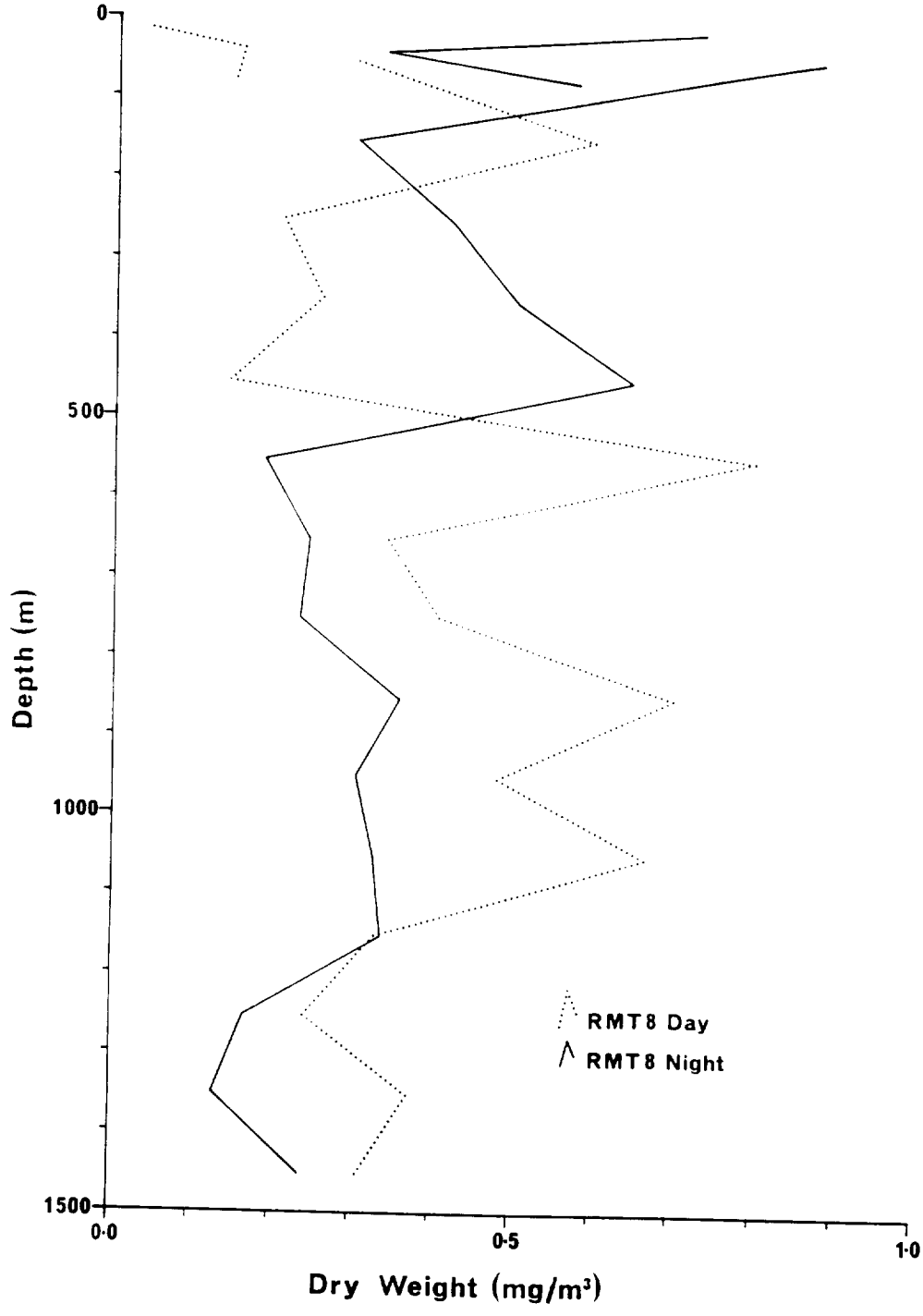


Fig. 6.VI Biomass of micronekton, size >4.5mm, between 0-1500m. Data for the 0-100m hauls and the subdivided 0-100m hauls are plotted.

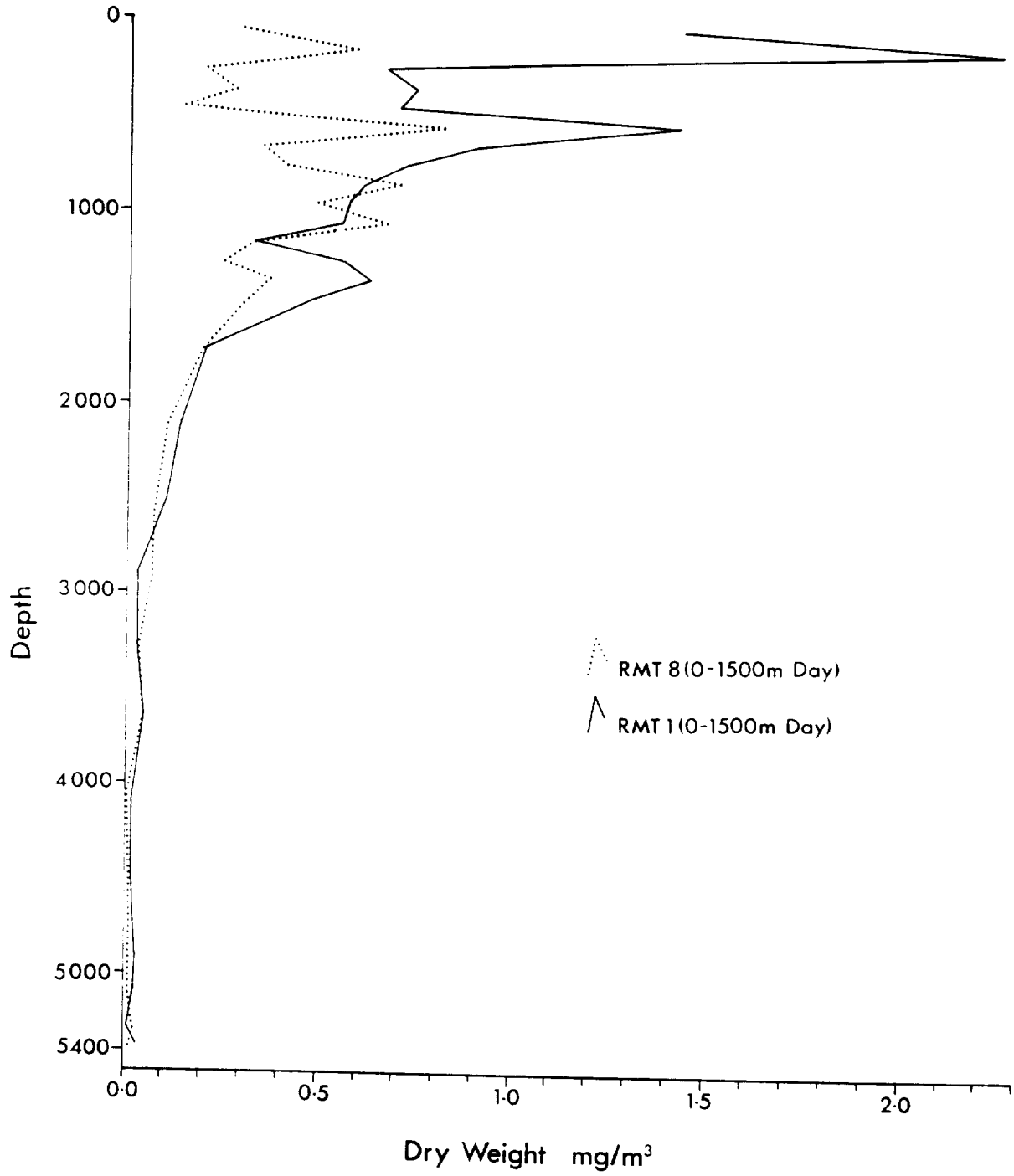


Fig. 6.VII Dry weight/depth for plankton (0.32-4.5mm) and micronekton (>4.5mm). Above 1500m the day data are used.

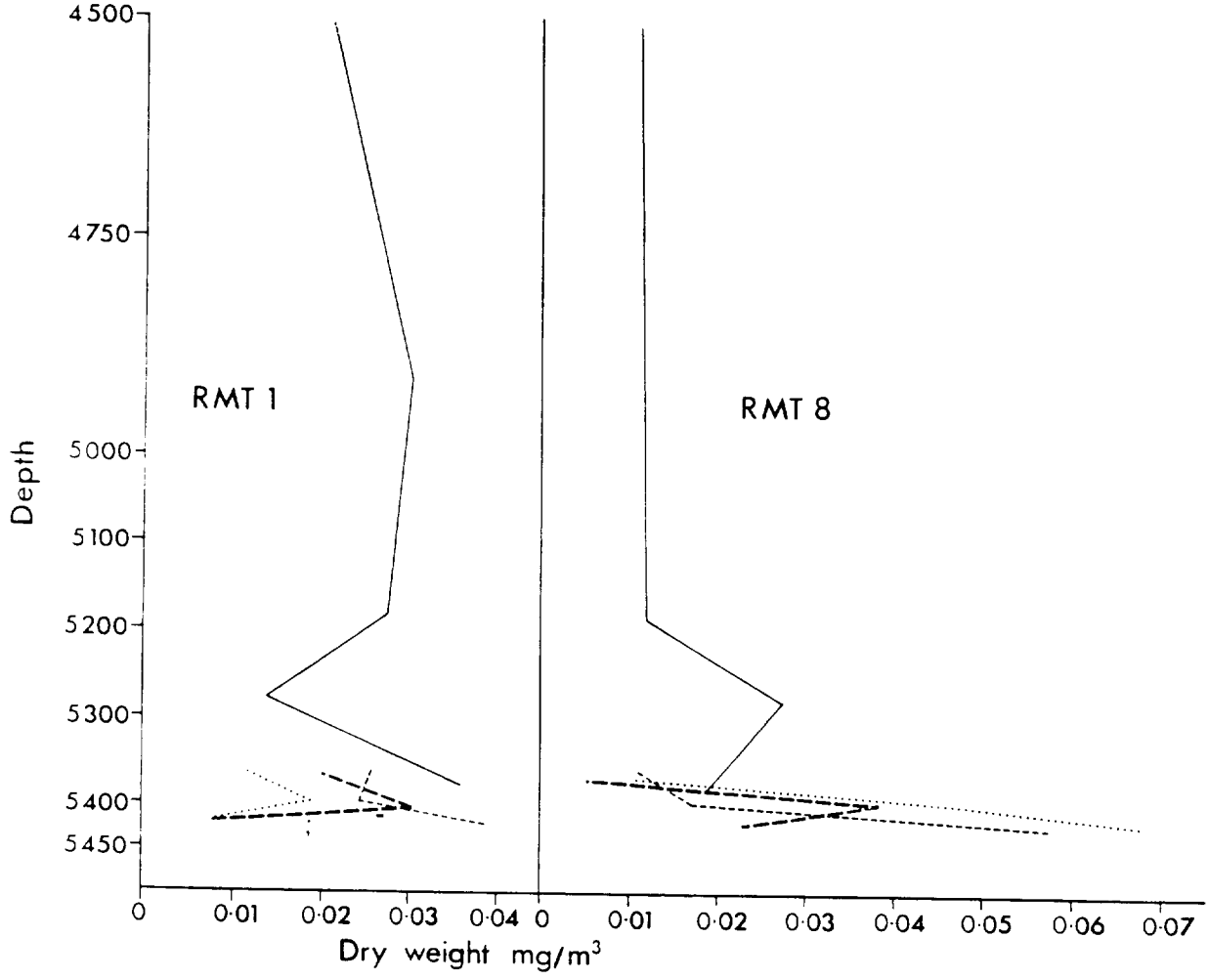


Fig. 6.VIII Dry weight/depth for near-bottom plankton (RMT 1) and micronekton (RMT 8). In each case the solid line represents data from the water column hauls, and the three hatched lines are data from each of the three hauls made between 10 and 90m above the bottom.

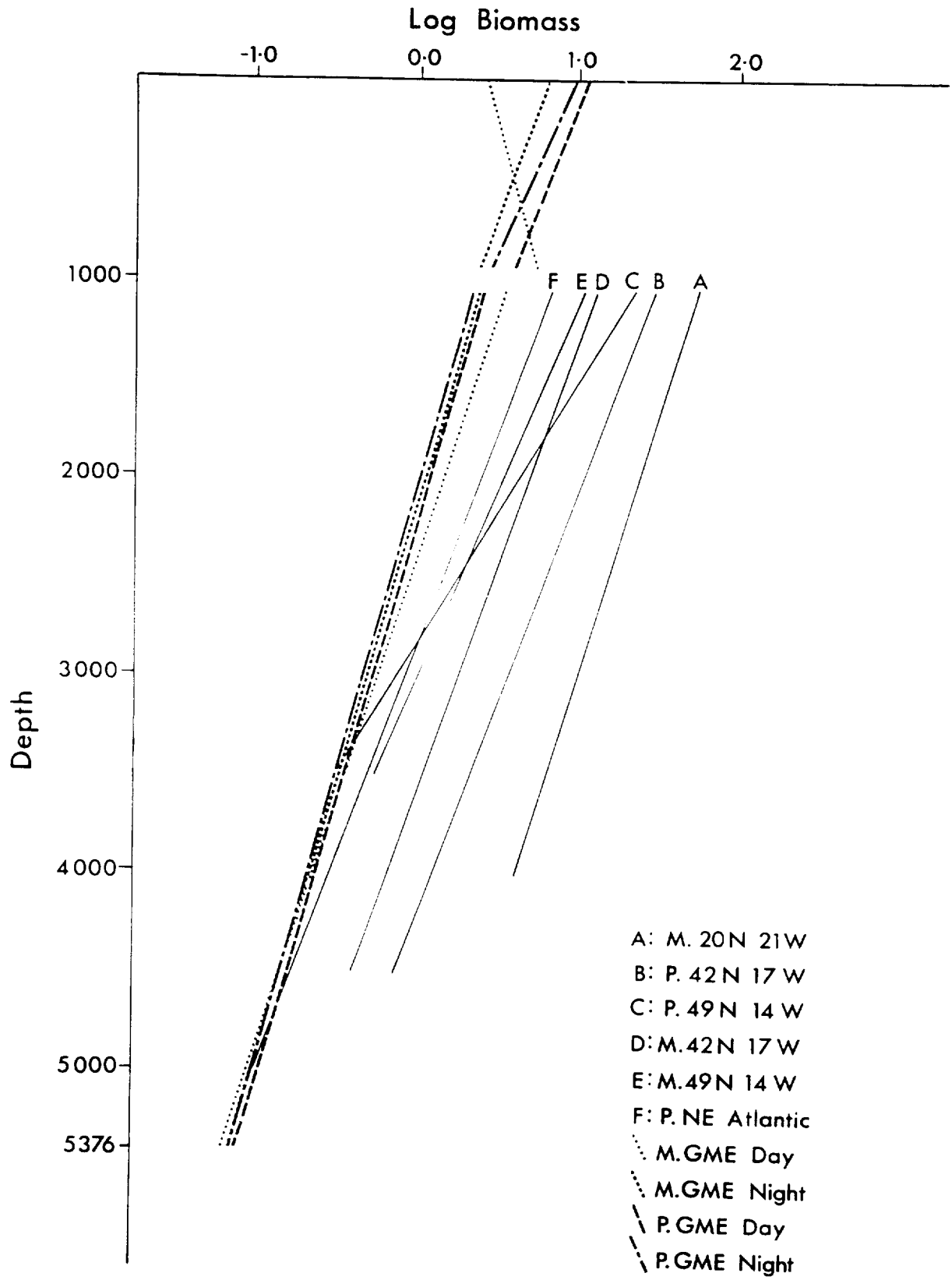


Fig. 6.IX Regression lines for biomass profiles at GME and elsewhere in the Atlantic (see Table 8). P = plankton; M = micronekton. Separate regressions have been calculated for GME data above and below 1000m.

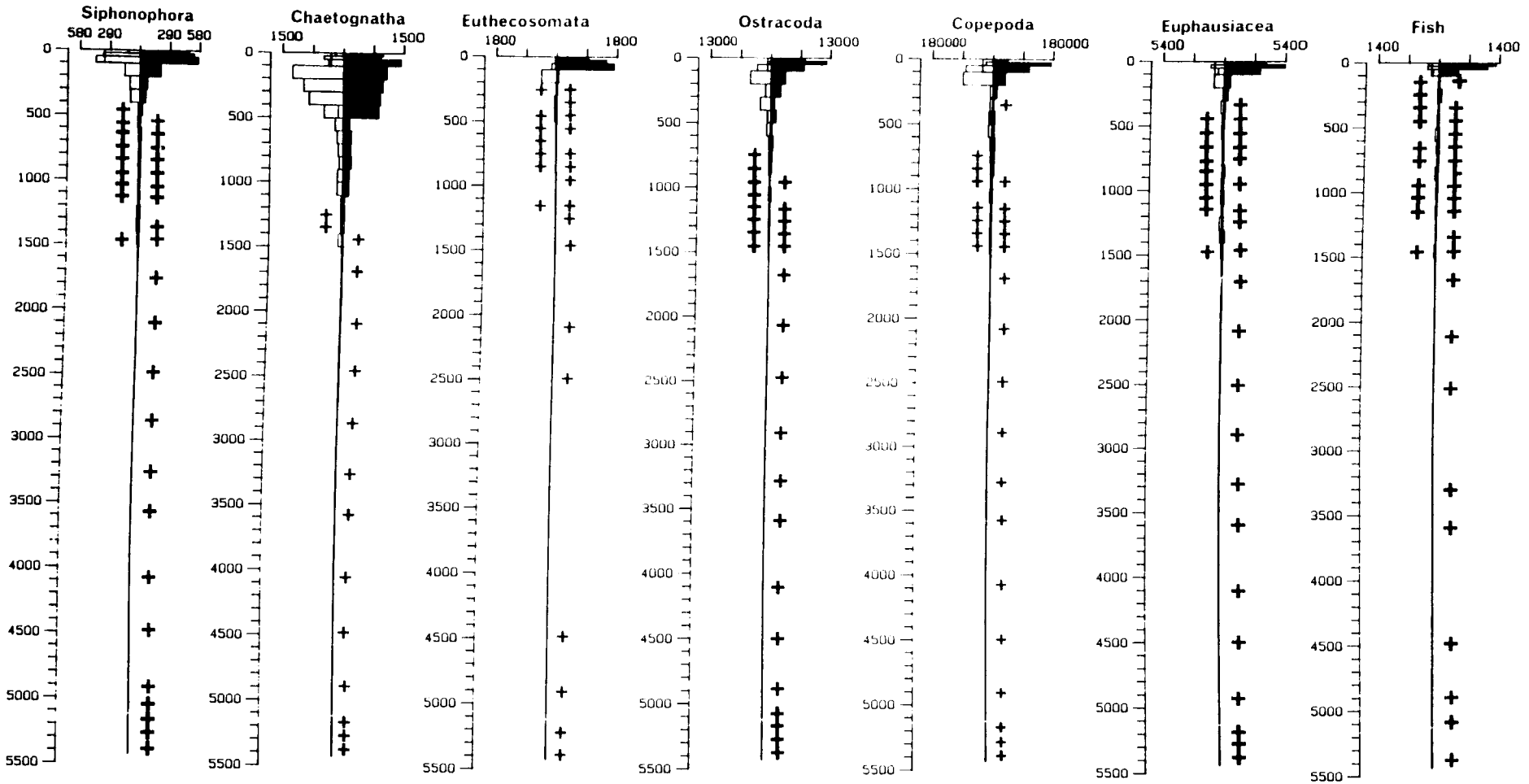


Fig. 6.X Vertical distributions of the most abundant planktonic groups sampled by the RMT 1. Nos are expressed as nos/1000m³ of water; + = present in low numbers. Day (light) and night (dark) data are shown above 1500.

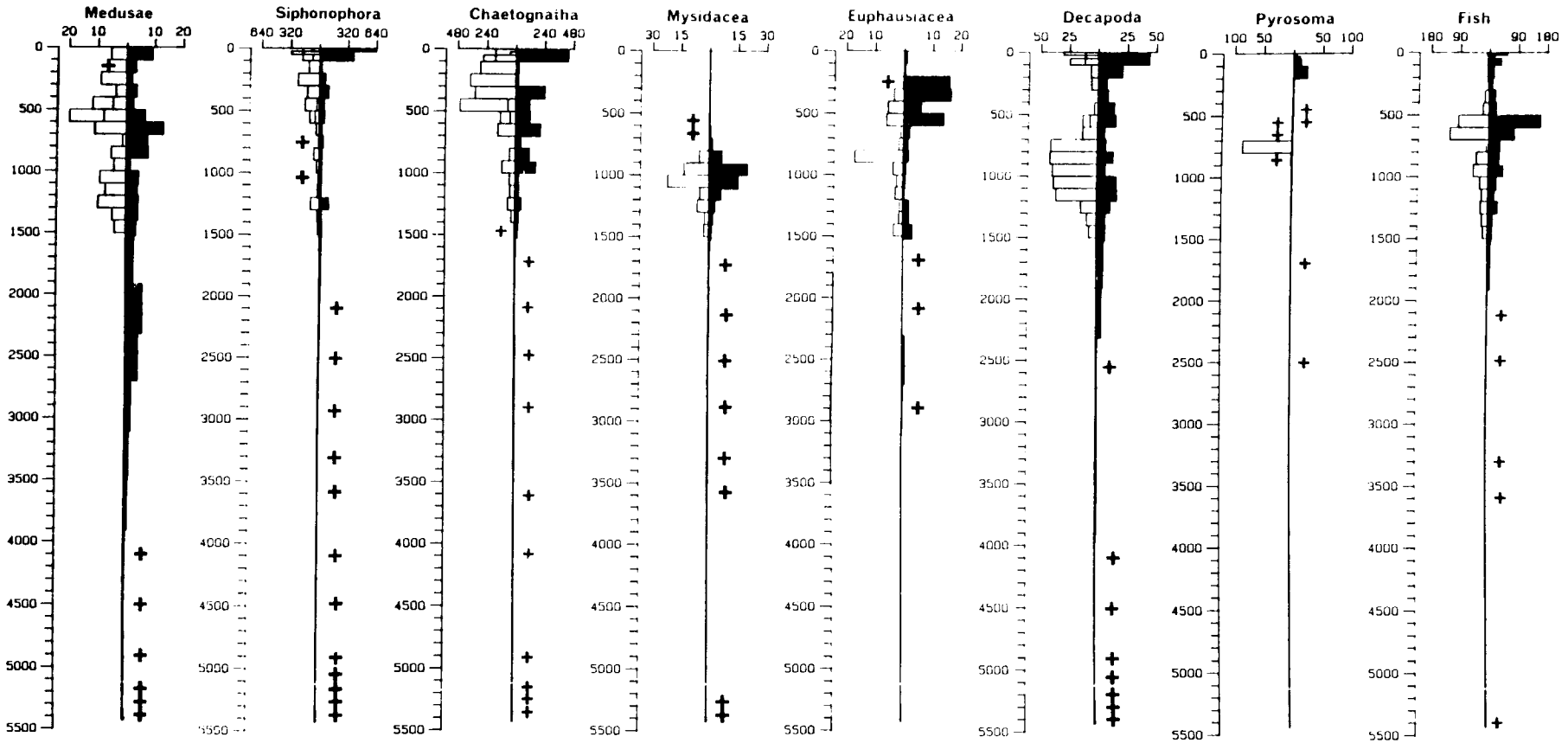


Fig. 6.XI Vertical distributions of the most abundant micronektonic groups sampled by the RMT 8. Nos are expressed as nos/10,000m³ of water. See Fig. 6.X.

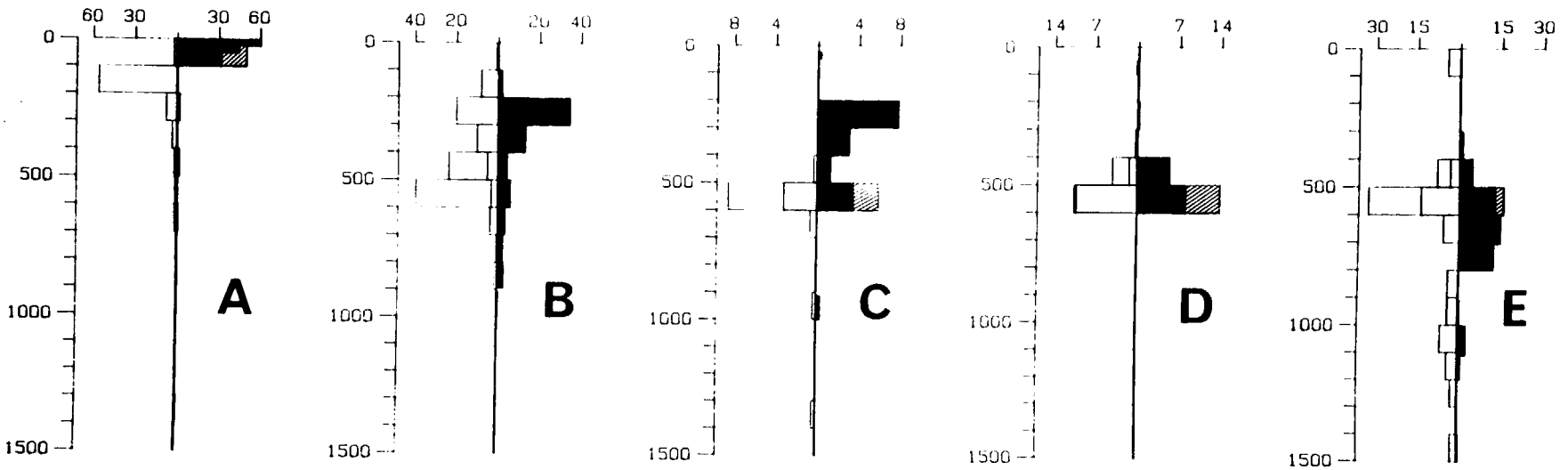


Fig. 7.I Vertical distribution (0-1500m) of species of siphonophores (family Hippopodiidae) in the RMT8 catches. (No/$10^4 m^3$).
A, Hippopodius hippopus; **B**, Vogtia glabra; **C**, V. spinosa; **D**, V. pentacantha; **E**, V. serrata. Light = Day; Dark = Night, Hatched = Repeat hauls or 0-100m haul.

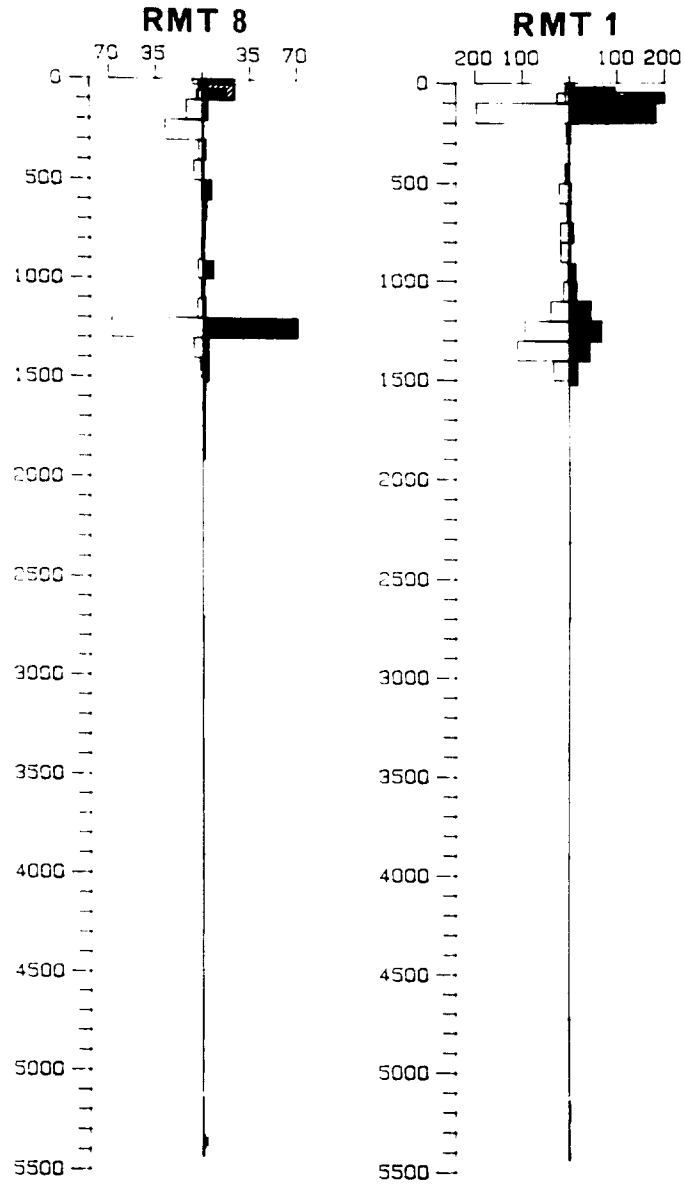


Fig. 7.II Vertical distribution of Eudoxoides spiralis in RMT8 catches ($No/10^4m^3$) and RMT1 catches ($No/10^3m^3$).

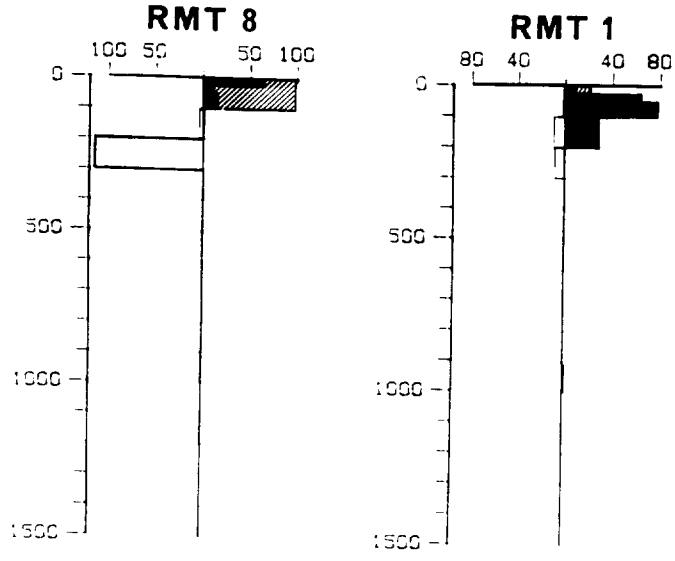


Fig. 7.III Vertical distribution (0-1500m) of Eudoxoides mitra in RMT8 catches ($No/10^4m^3$).

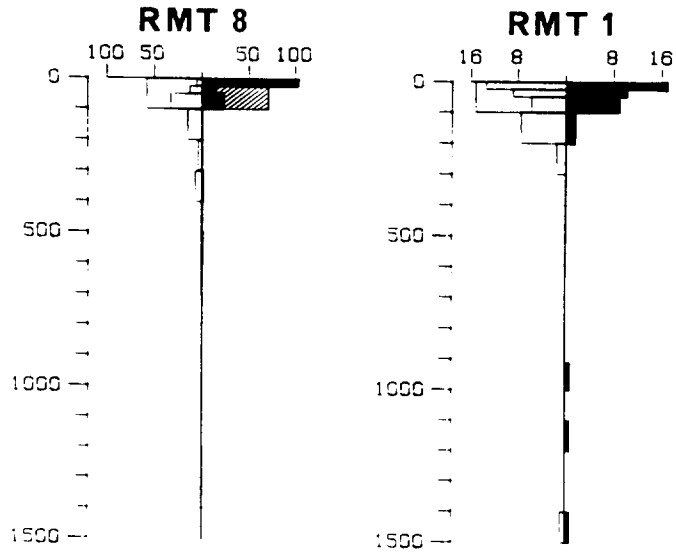


Fig. 7.IV Vertical distribution (0-1500m) of Chelophyes appendiculata in RMT8 catches (No/$10^4 m^3$) and RMT1 catches (No/$10^3 m^3$).

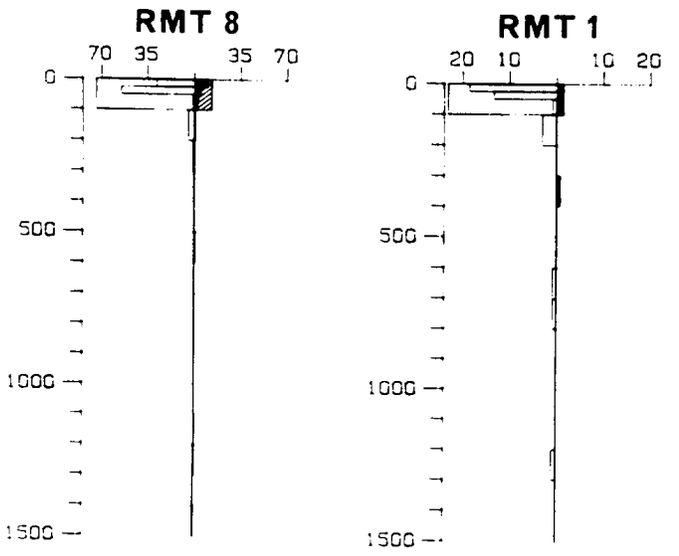


Fig. 7.7 Vertical distribution (0-1500m) of Diphyes dispar in RMT8 catches (No/$10^4 m^3$) and RMT1 catches (No/$10^3 m^3$).

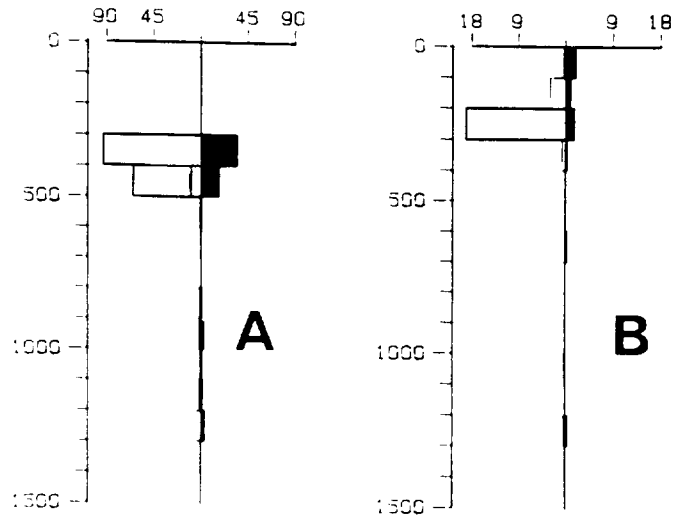


Fig. 7.VI Vertical distribution (0-1500m) of **A**, Lensia multicristata and **B**, Lensia fowleri from RMT8 catches (No/$10^4 m^3$).

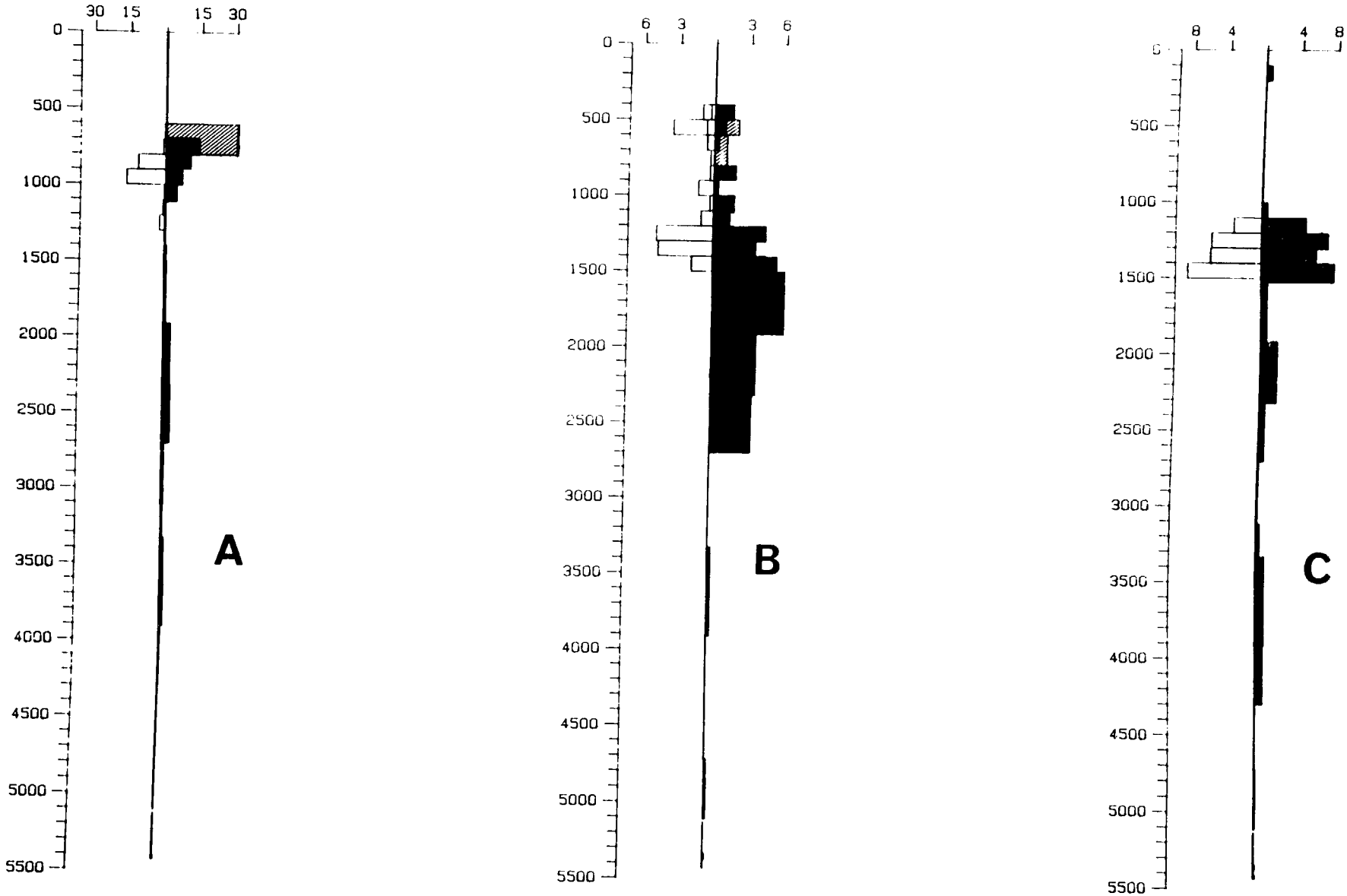


Fig. 7.VII Vertical distribution of species of siphonophores (family Clausophyidae) in the RMT8 catches (No/$10^4 m^3$). **A**, Clausophyes ovata; **B**, Chuniphyes multidentata; **C**, Chuniphyes moserae.

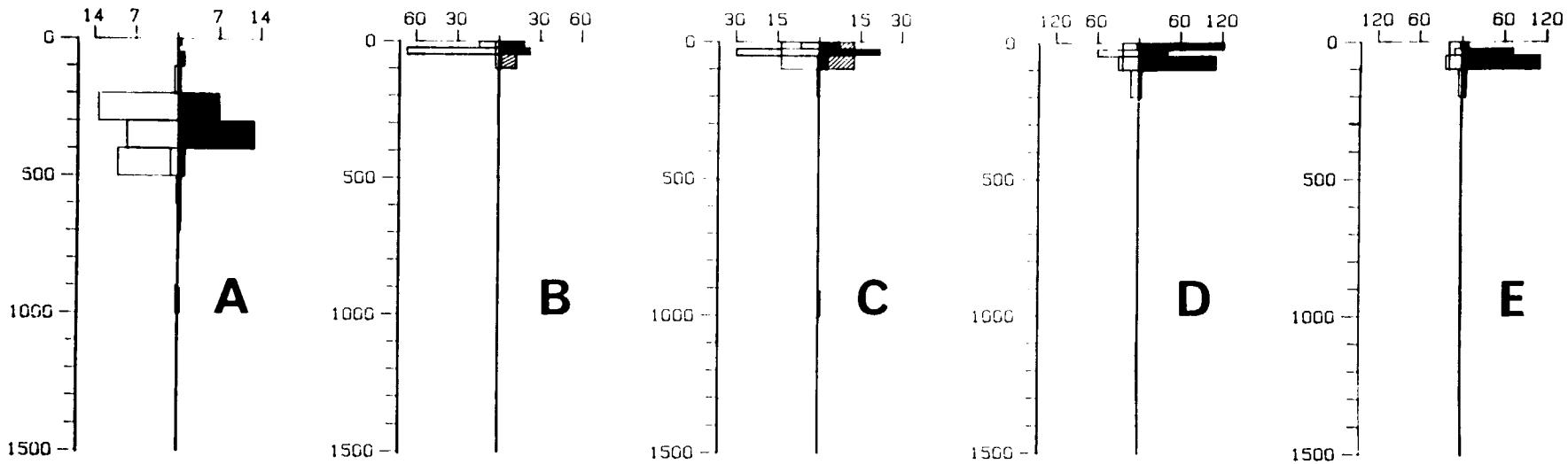


Fig. 7.VIII Vertical distribution (0-1500m) of species of siphonophore (family Abylidae). **A**, Ceratocymba sagittata; **B** and **C**, Abylopsis eschscholtzi; **D** and **E**, Bassia bassensis. **A**, **B** and **D** for RMT8 catches (No/$10^4 m^3$), **C** and **E** for RMT1 catches (No/$10^3 m^3$).

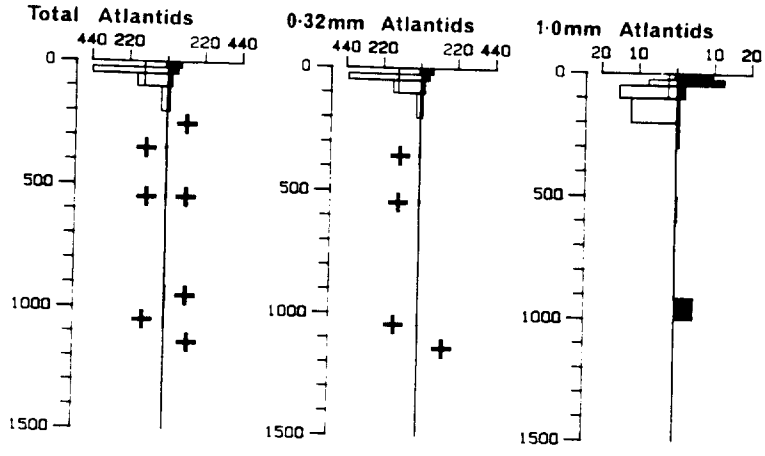


Fig. 9.1 Vertical distributions by day and night of different size groups of Atlantid heteropods. Nos/1000m^3.

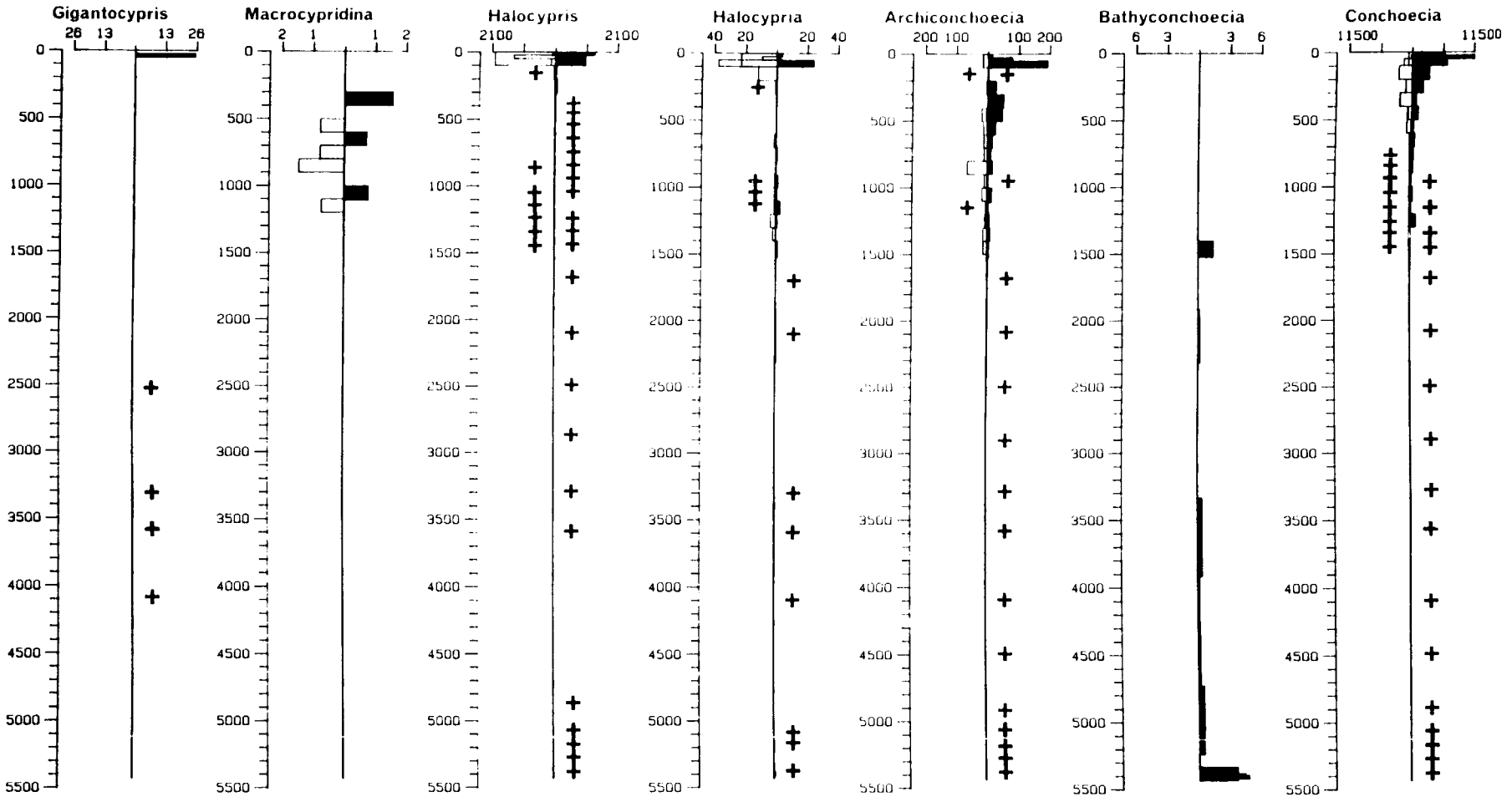


Fig. 10.I Vertical distributions of planktonic ostracod genera. Nos/1000m³.
+ = present in small numbers.

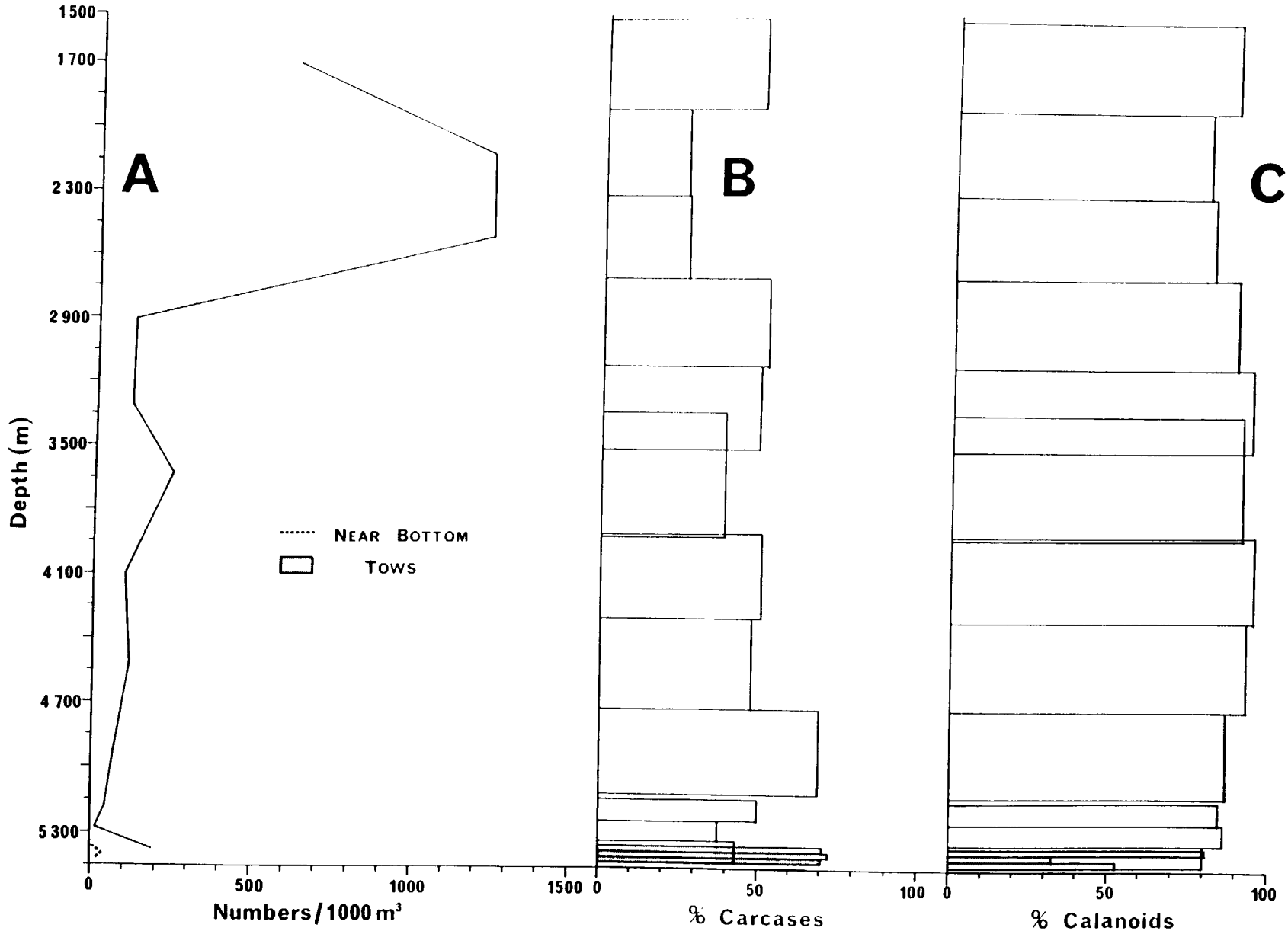


Fig. 11.I A = nos of copepods below 1500m; B = proportion of "live" copepods to copepod carcases; C = proportion of calanoids to non calanoids.

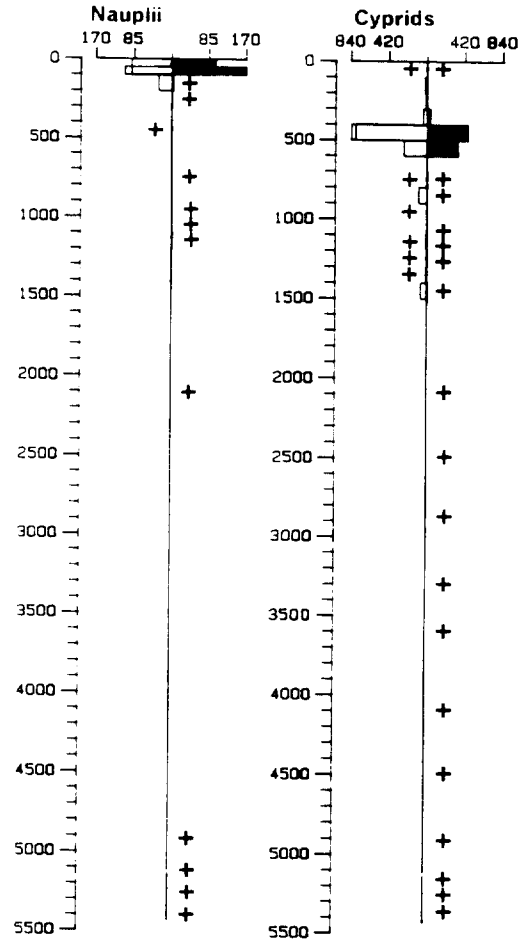


Fig. 12.I Vertical distributions of cirripede nauplii and cyprids. Nos/1000m^3.

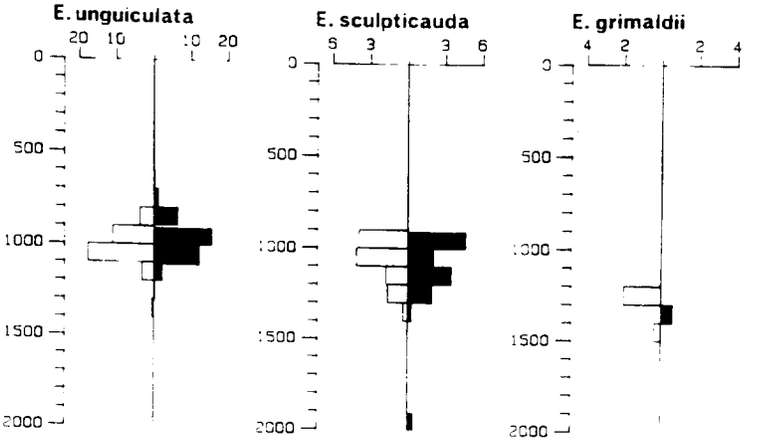


Fig. 13.1 Vertical distributions of the most abundant Eucopia species. Nos 10,000m³.

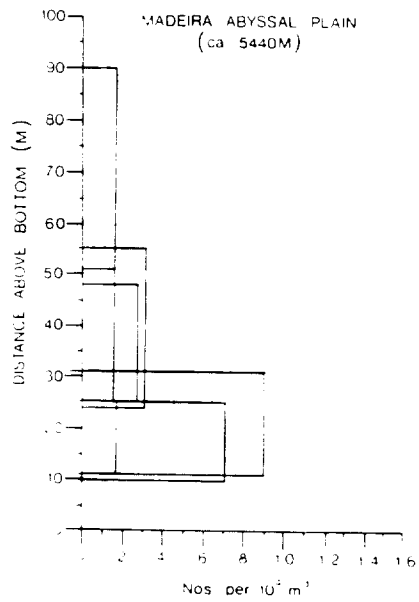


Fig. 17.1 Profile of decapod abundance between 0-90m above the bottom at GME. Each histogram bar represents an RMT 8 catch.

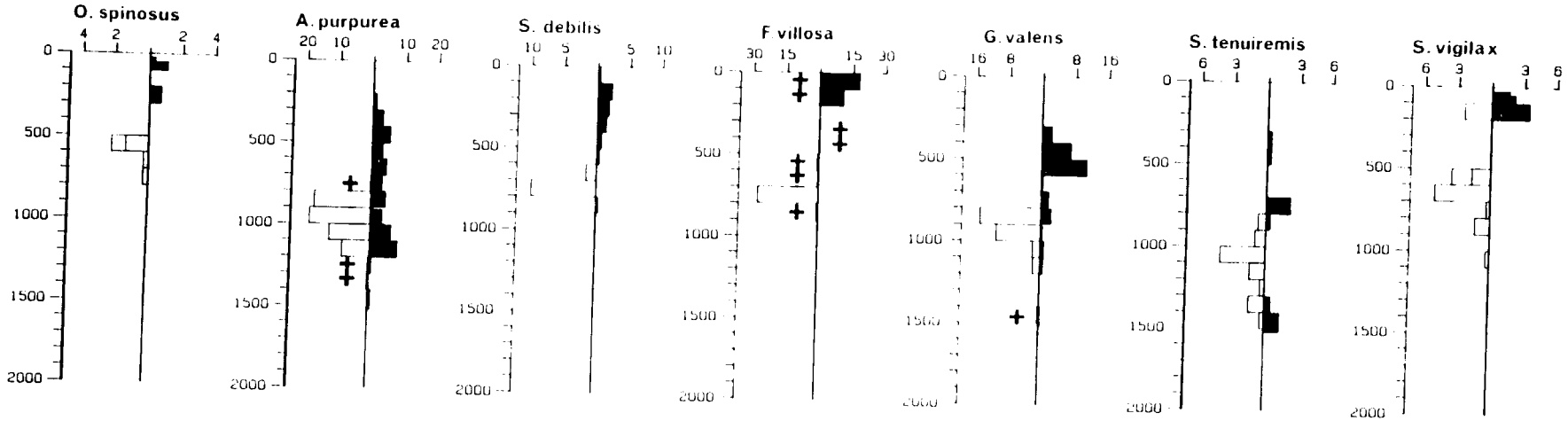


Fig. 17.II Vertical distributions of the most abundant species of mesopelagic decapods. Nos/10,000m³.

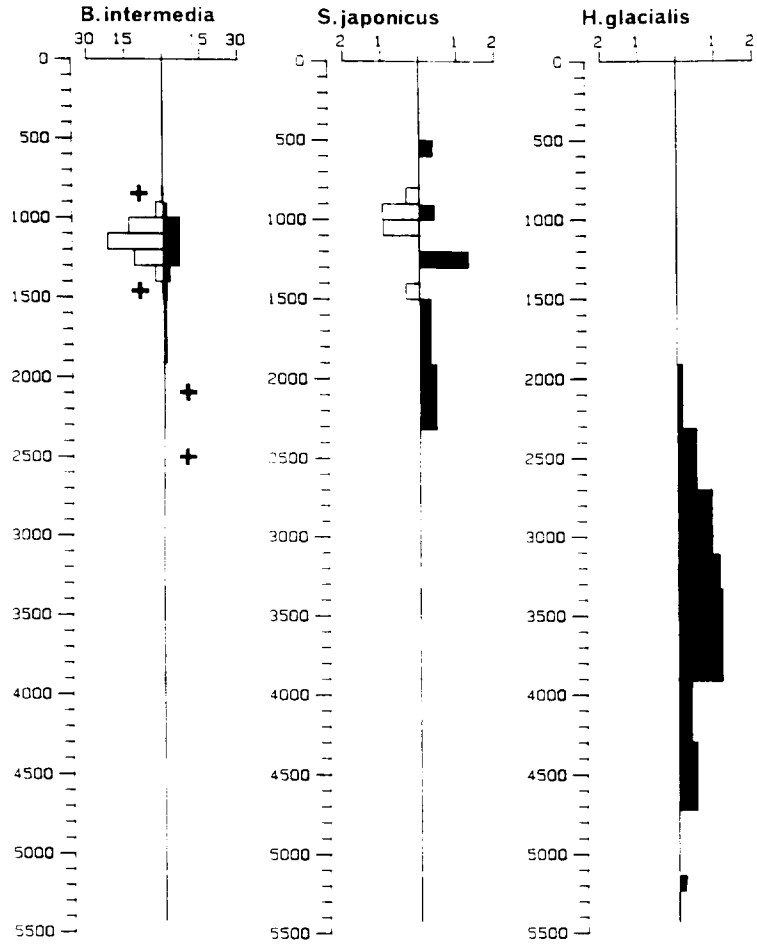


Fig. 17.III Vertical distributions of the most abundant species of bathypelagic decapods. Nos/10,000m³.

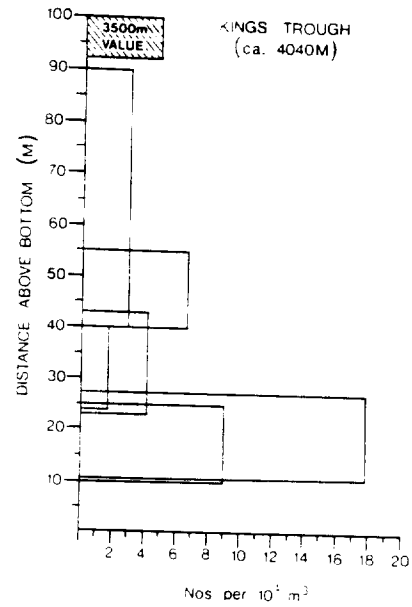


Fig. [illegible] Profile of decapod abundance between 0-90m above the bottom at Kings Trough. The value given for 3500m is an average from 15 catches.

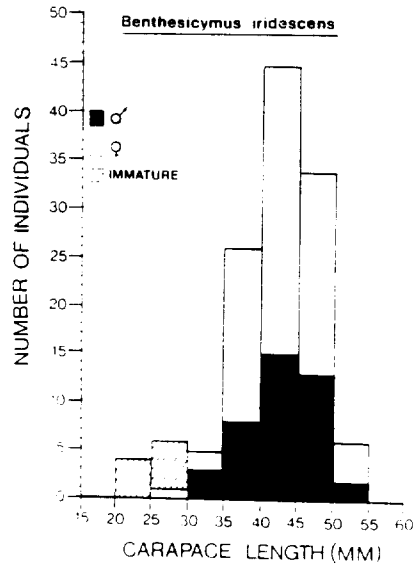


Fig. 17.V Benthesicymus iridescens: size frequency distributions from OTSB haul no. 11261#44 at GME.

Figure 19.I. Enypniastes diaphana (ca 8cm long) swimming above the seabed (shadow RHS). The posterior end of E. diaphana is slightly forked (LHS) and the anterior trim of fused tubefeet can be seen lying to each side of the body.

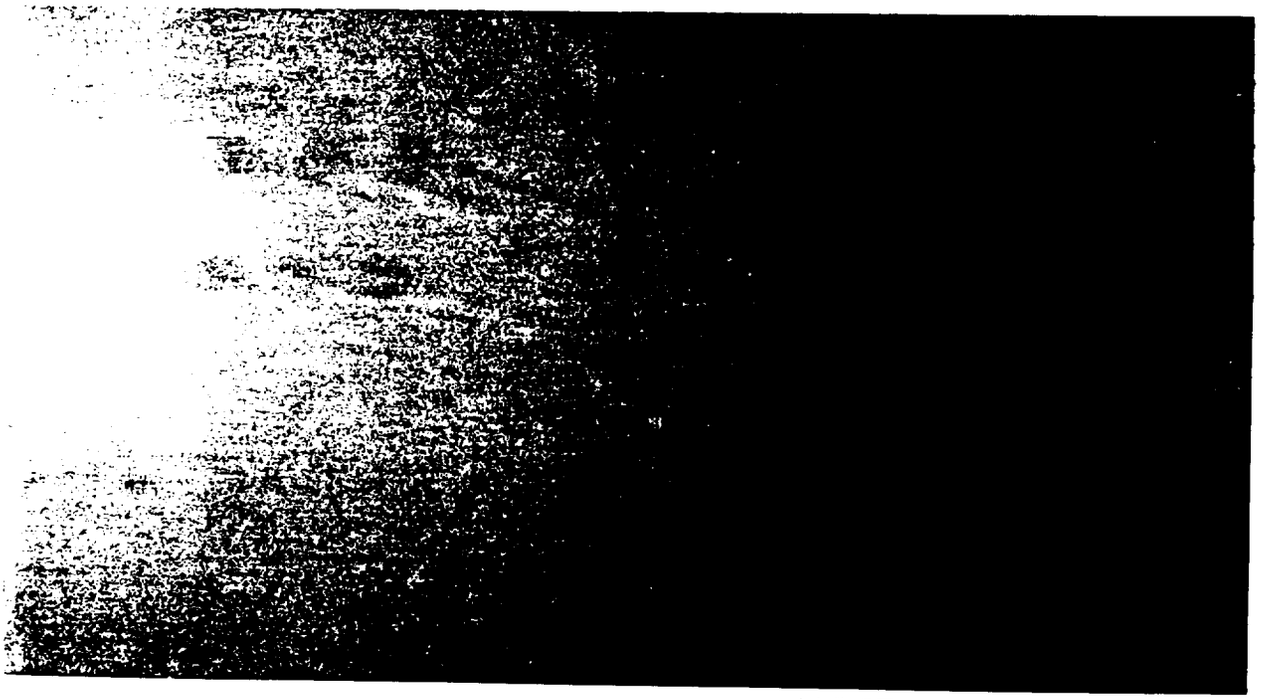
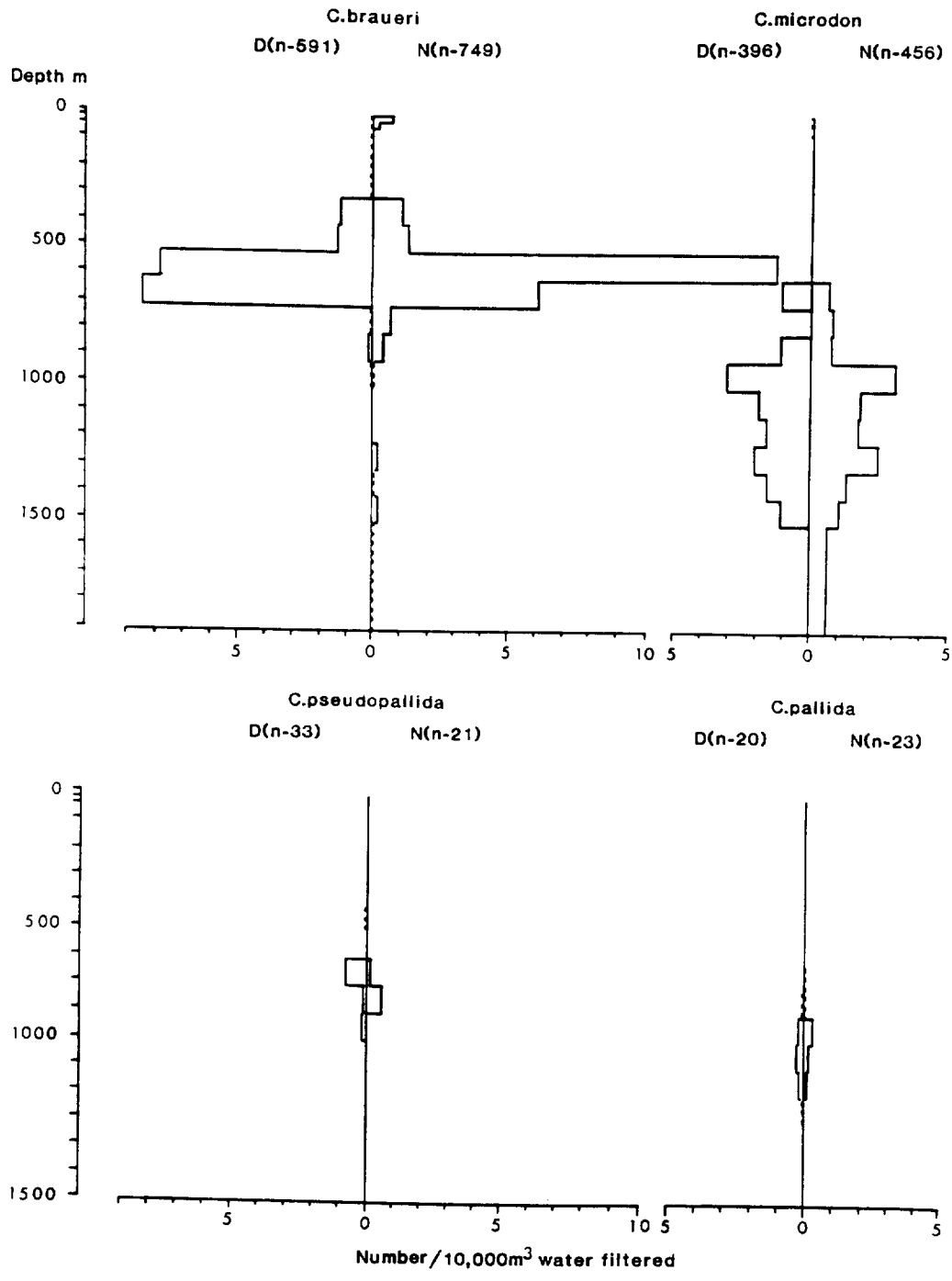
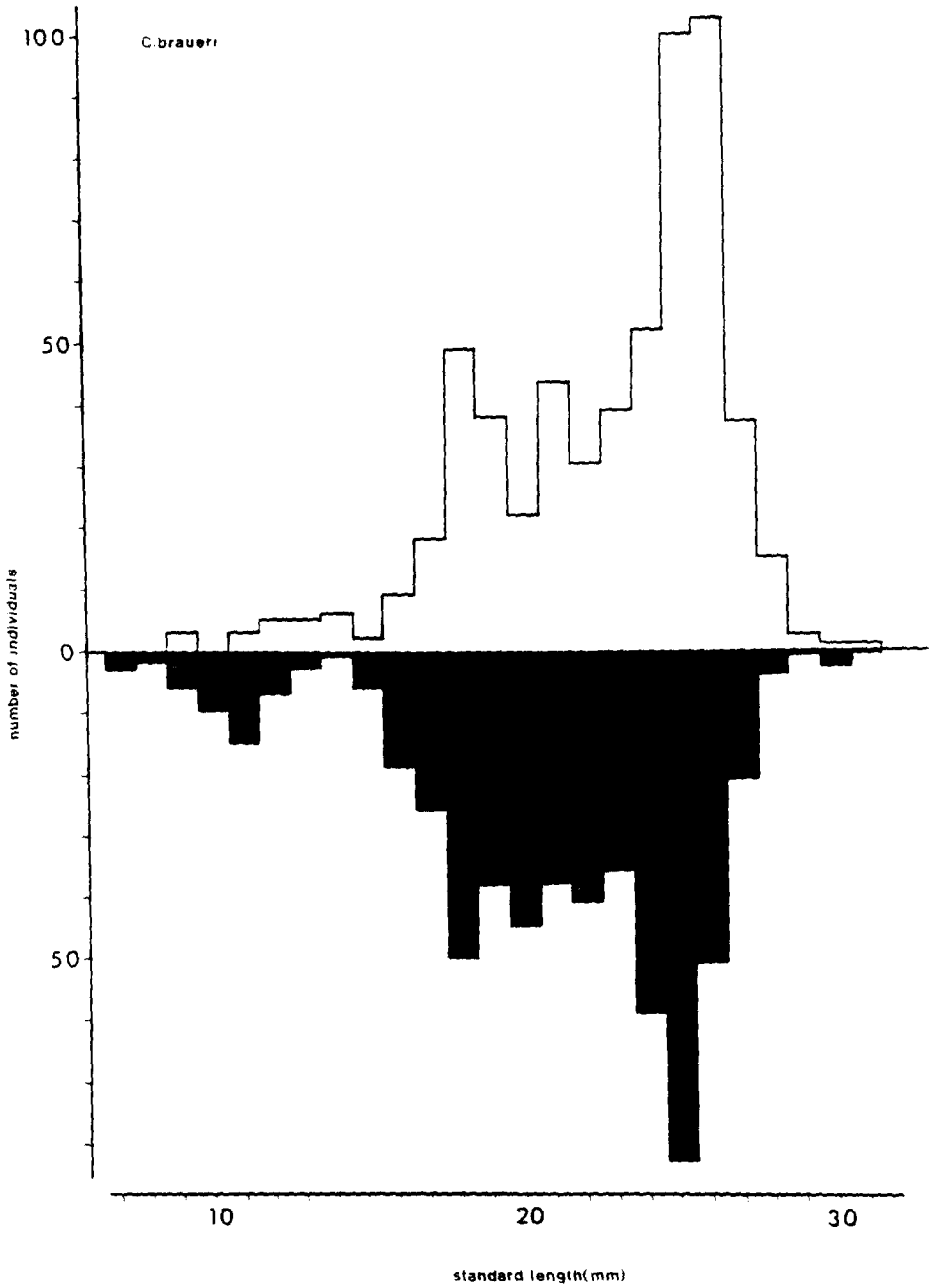


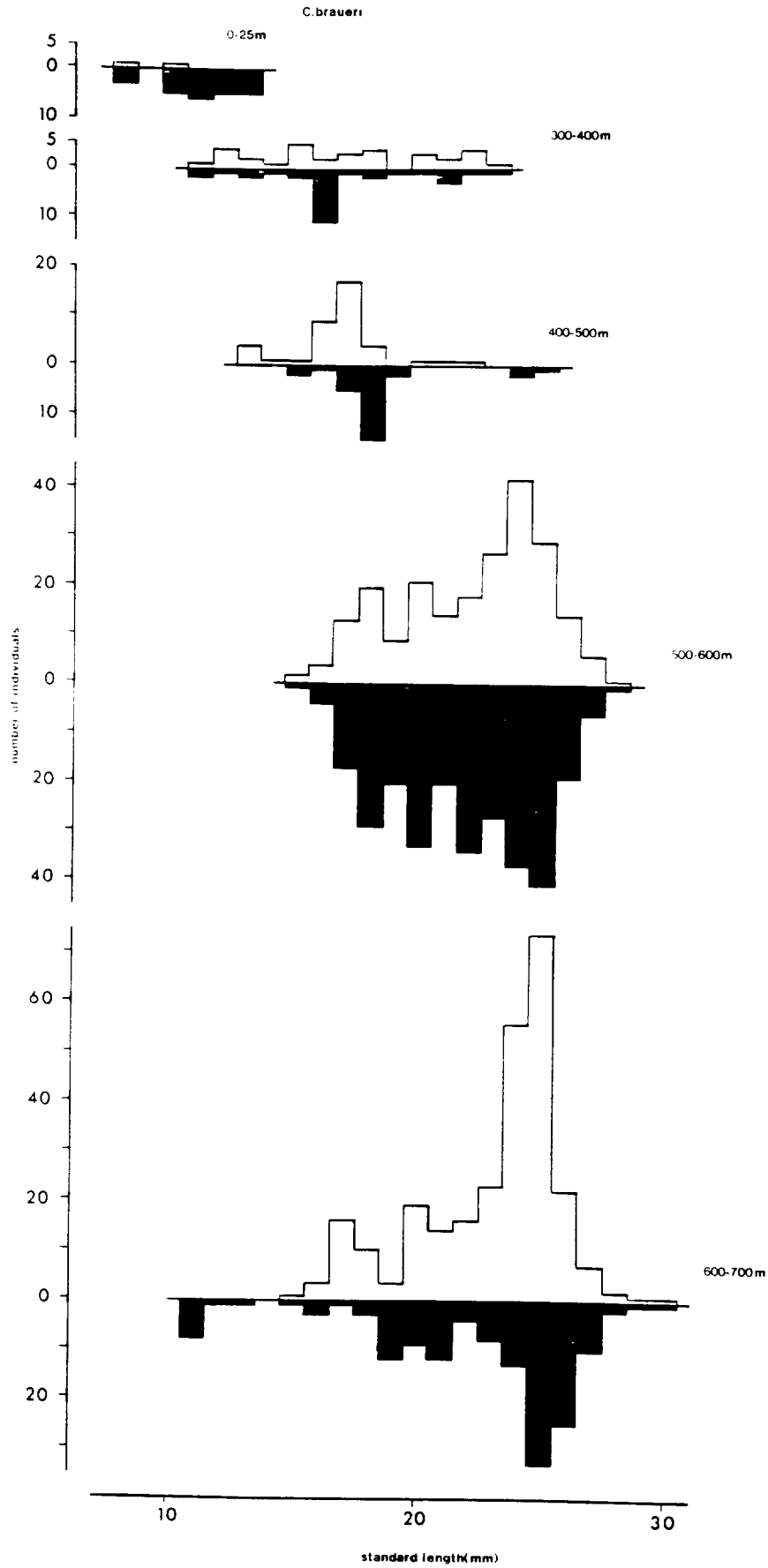
Figure 19.II. A pelagic organism (ca 8cm long) with its shadows to the right. Its size and tone are the same as verifiable holothurians (above).



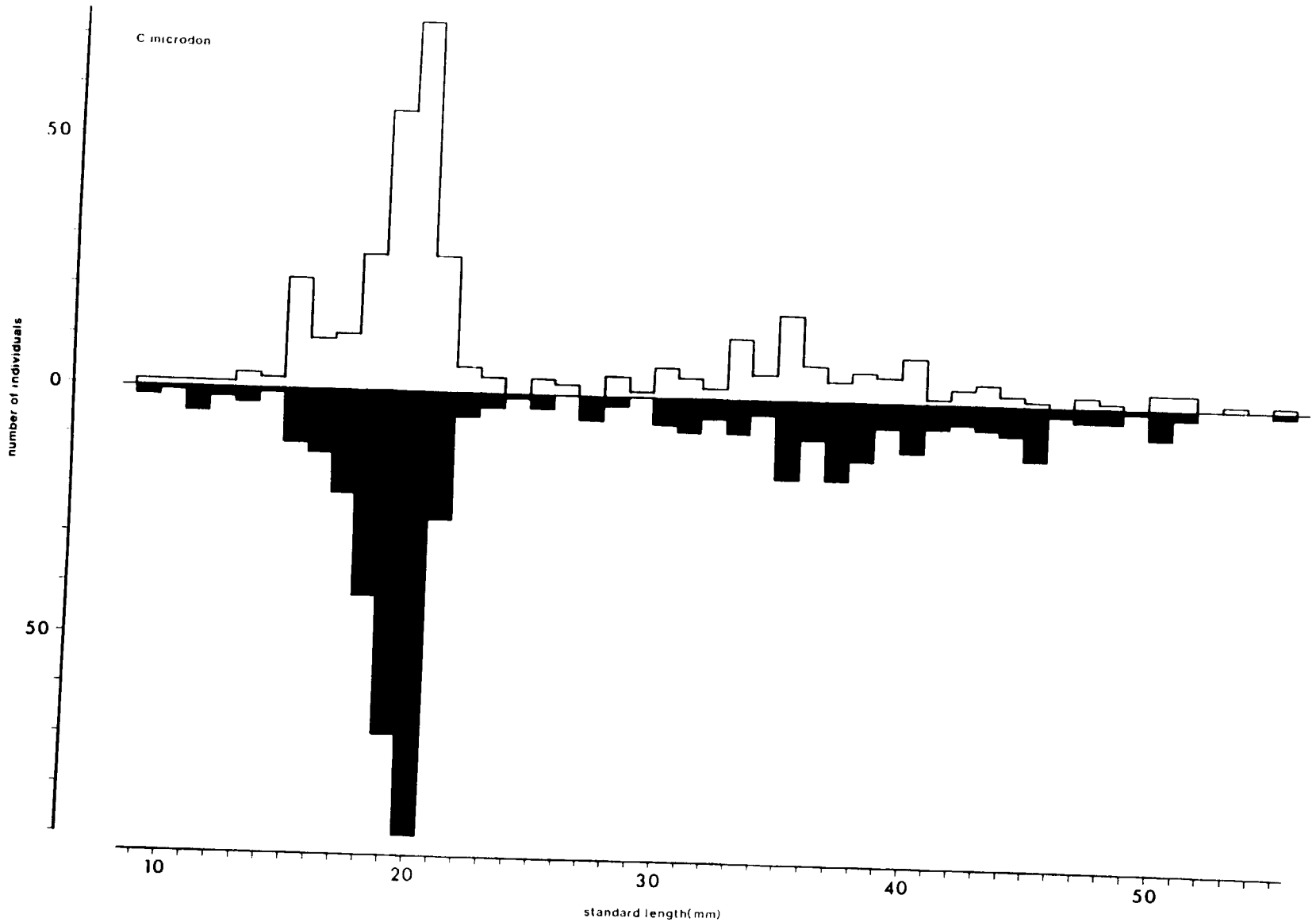
20.I Cyclothone spp. Day (D) and night (N) vertical distributions. n = No. animals.



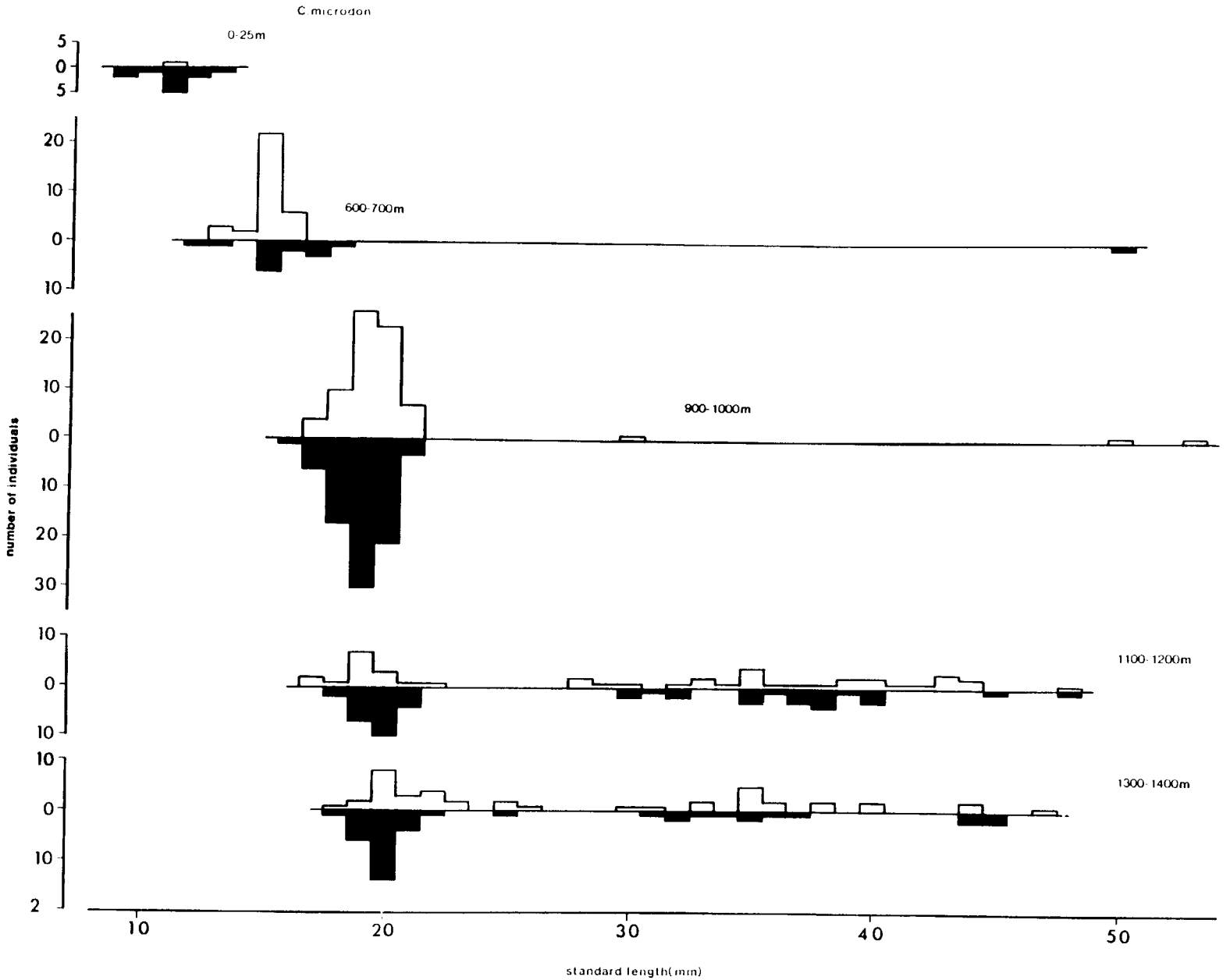
20.IIa Cyclothone braueri. Population length-frequency structure sampled day (white) and night (black).



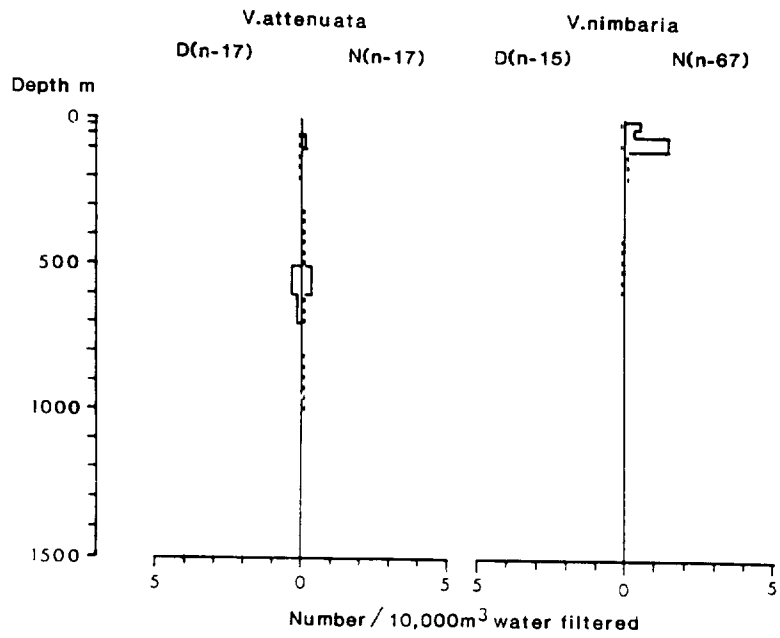
20.IIb Cyclothone braueri. Length-frequency structure, day (white) and night (black), at selected depths.



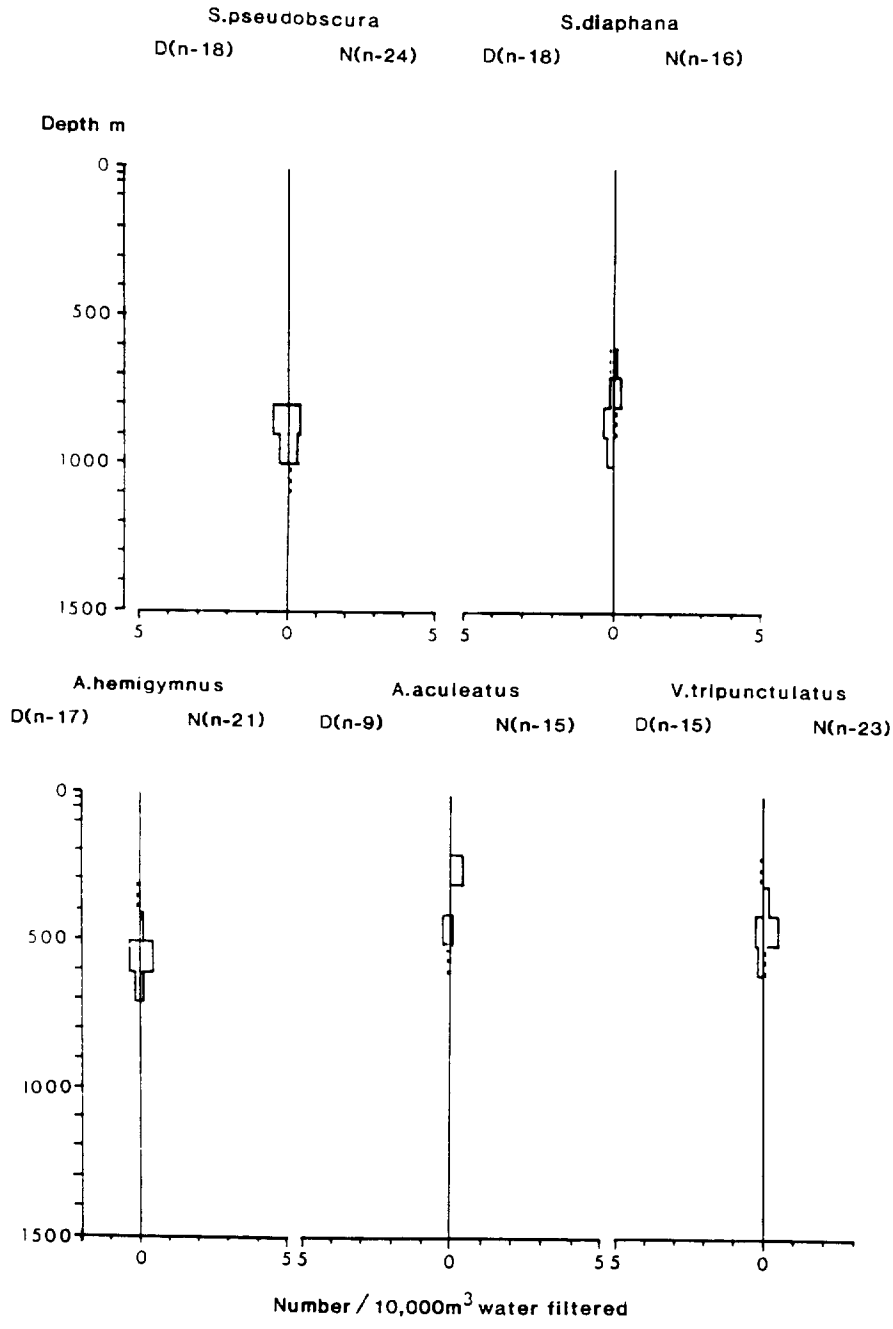
20.IIIa Cyclothone microdon. Population length-frequency structure sampled day (white) and night (black).



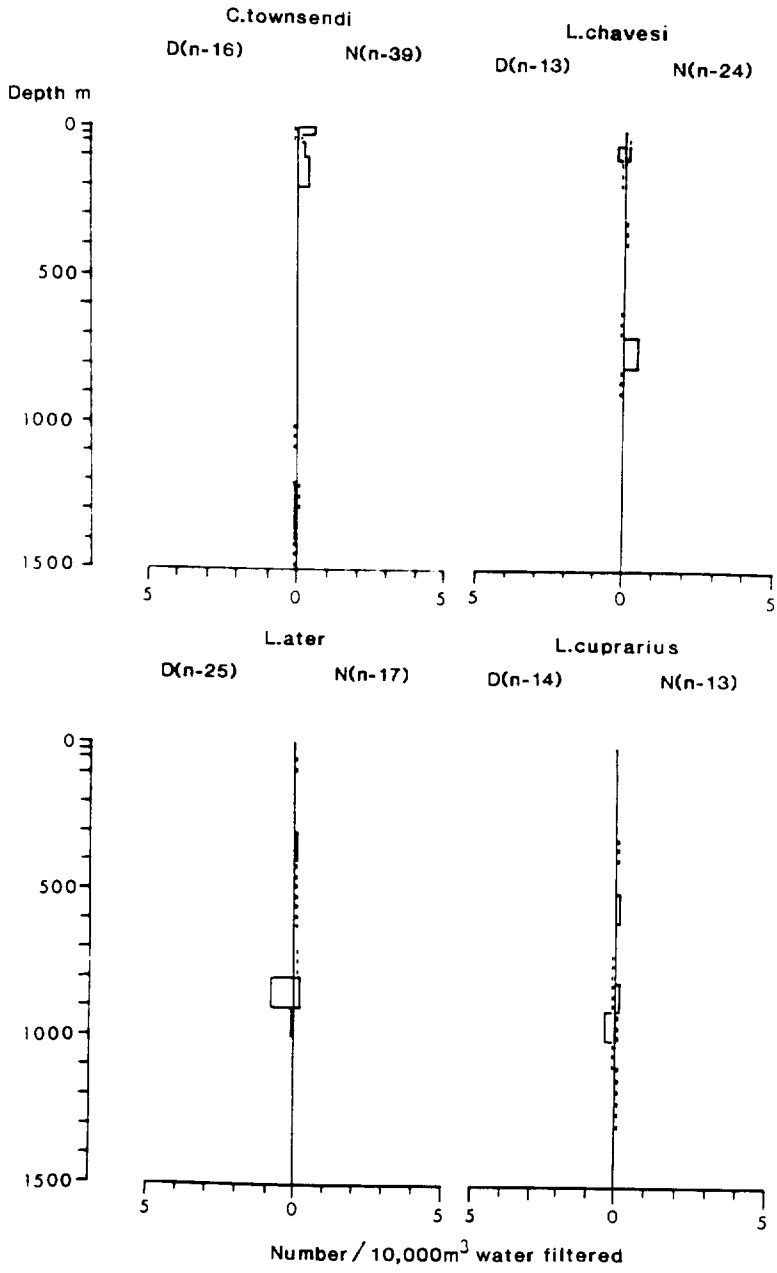
20.IIIb Cyclothone microdon. Length-frequency structure, day (white) and night (black), at selected depths.



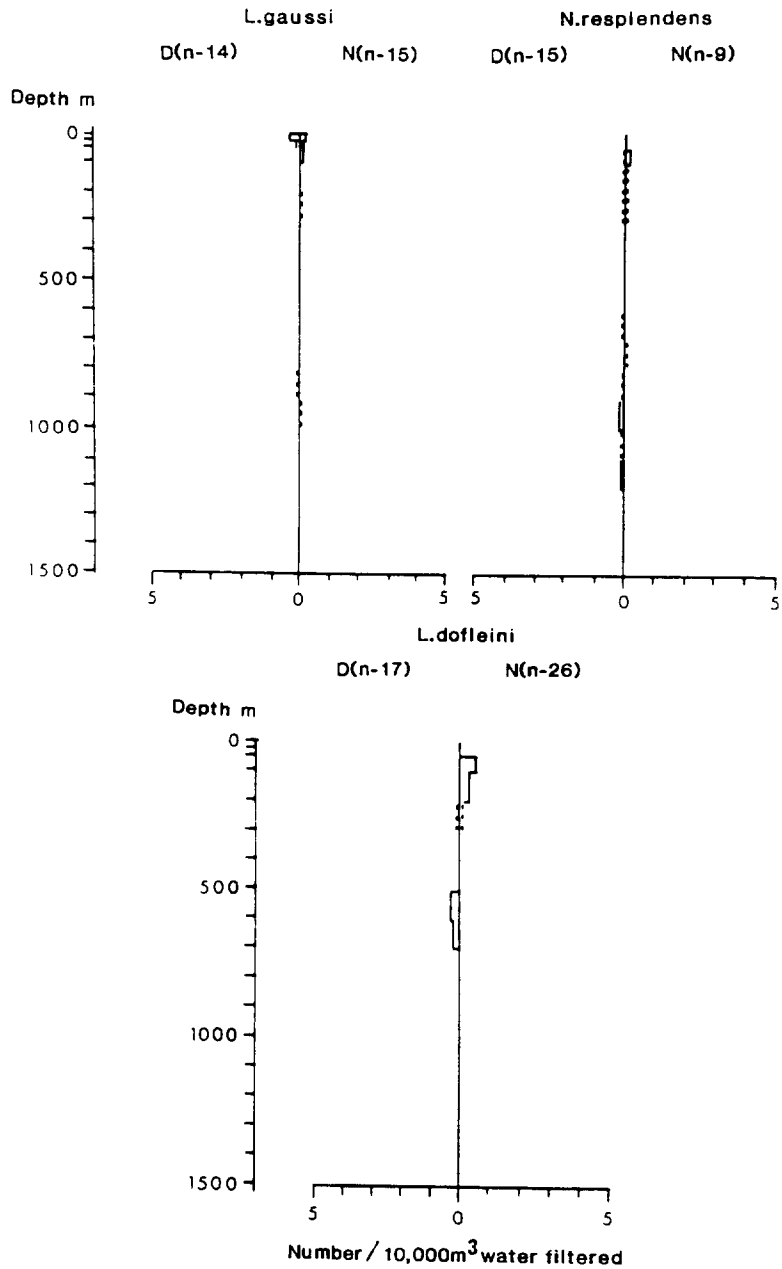
30.IV Vinciguerria spp.: day (D) and night (N) vertical distributions. n = No. animals.



20.V Sternoptychidae: day (D) and night (N) vertical distributions. n = No. animals.



20.VIa Myctophidae: day (D) and night (N) vertical distributions of some spp. n = No. animals.



20.VIb Myctophidae: day (D) and night (N) vertical distributions of some spp. n = No. animals.

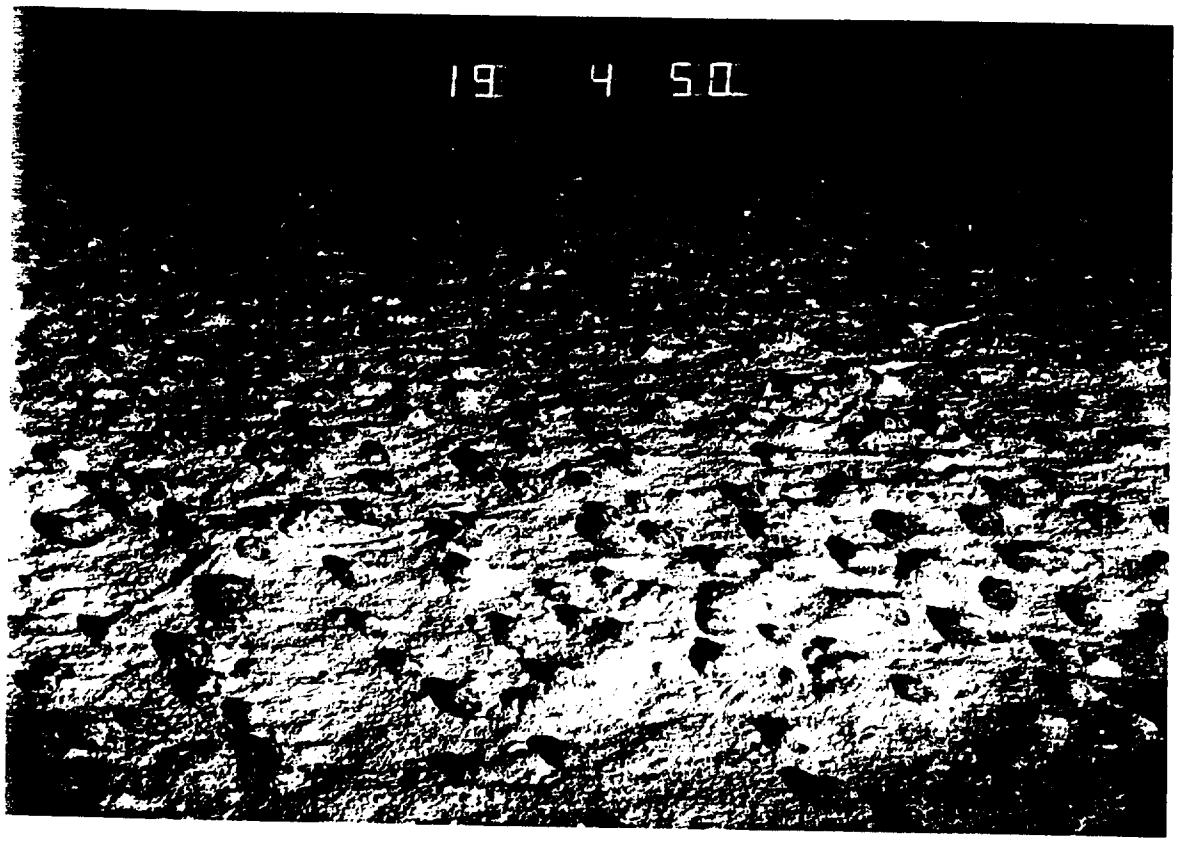


Figure 23.1. Manganese nodules photographed at the beginning of phototransect 11262#20, showing the trail of an unidentified epibenthic animal. The nodules have a mean diameter of about 40mm.

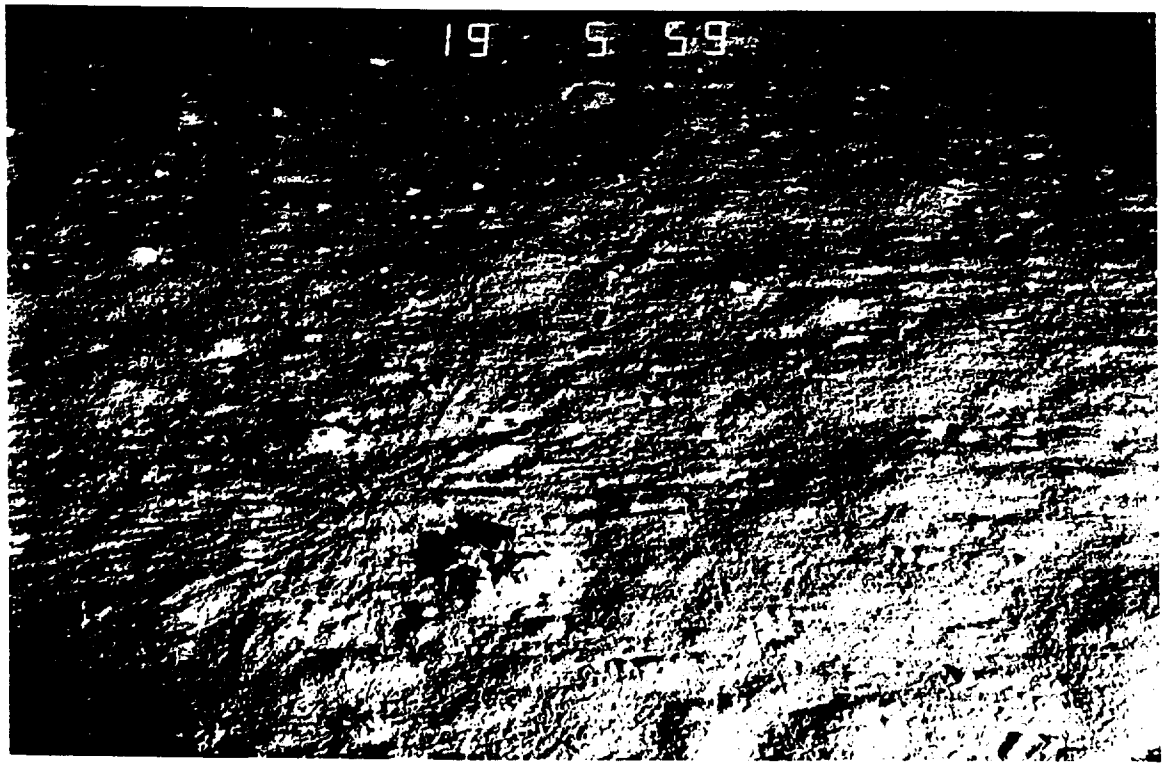


Figure 23.II. "Spoke burrow", about 80cm in diameter, photographed during 11262 #20. The dark line in this and other photographs is the sledge bridle.

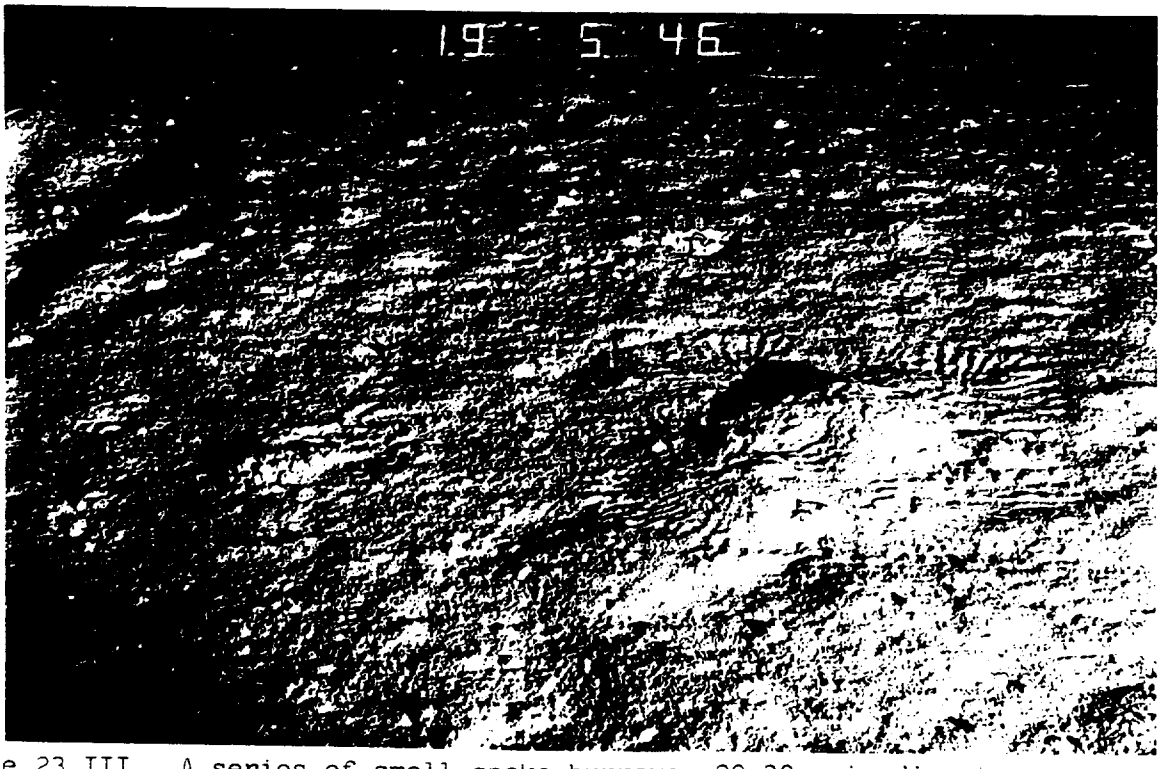
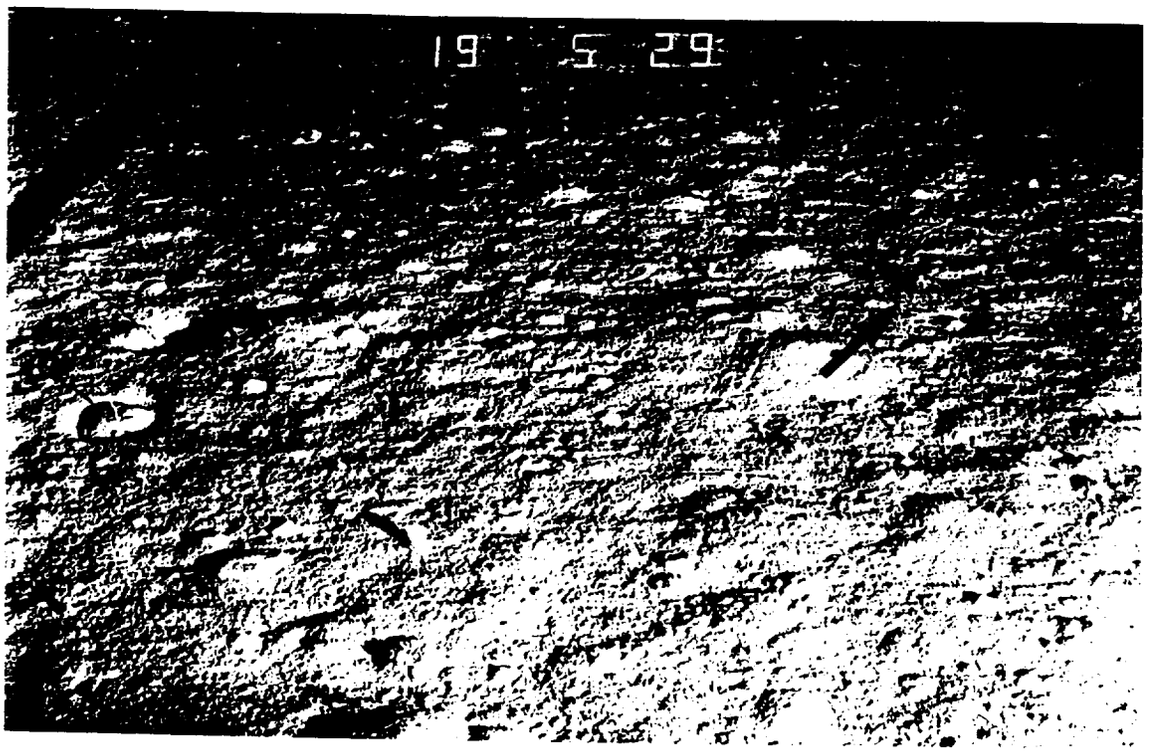


Figure 23.III. A series of small spoke burrows, 20-30cm in diameter, surrounding what may be an old ?Molpadia mound (haul 11262#20). Two more recent mounds are seen in the top left hand corner, while a circular groove surrounding a curved tube can be seen above the spoke burrows.



...ure 23.IV. Haul 11262#20. Circular groove surrounding a straight tube. The ...notograph also shows an echinoid, Plesiodiadema microtuberculata ...arrowed).

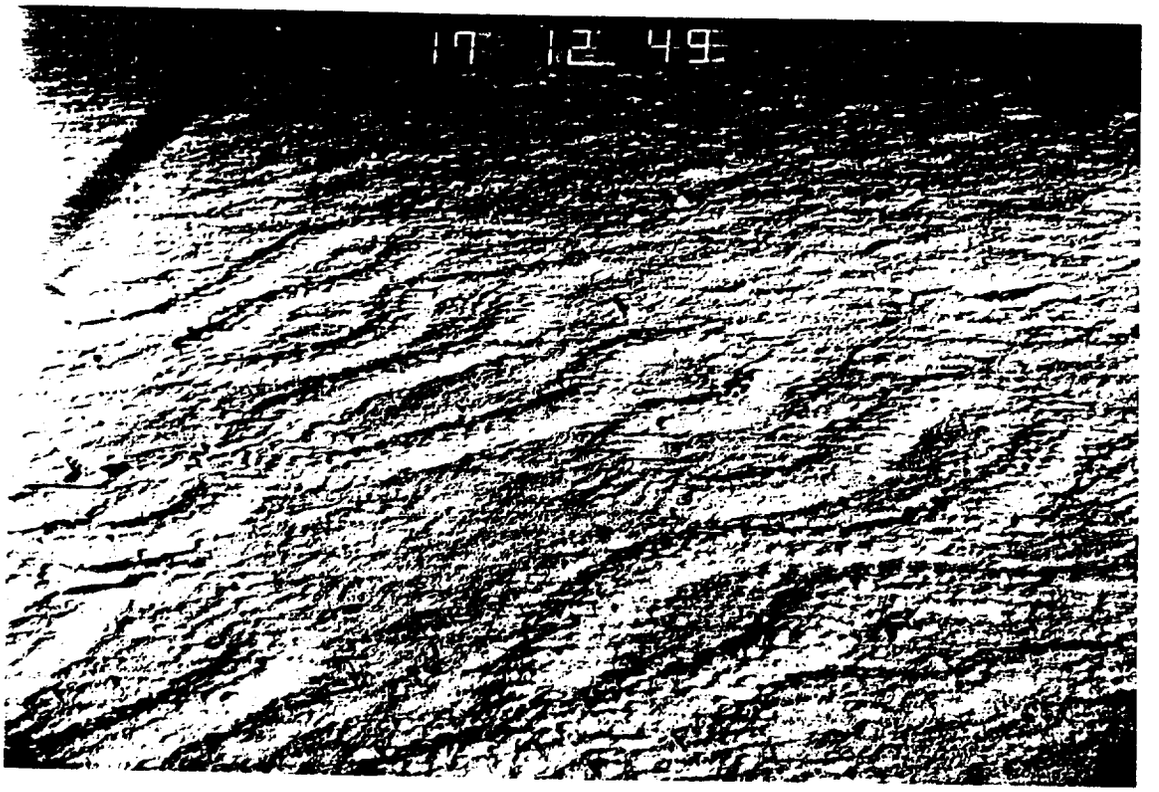


Figure 23.V. Meandering feeding trace of an unidentified organism photographed during 11262#17.

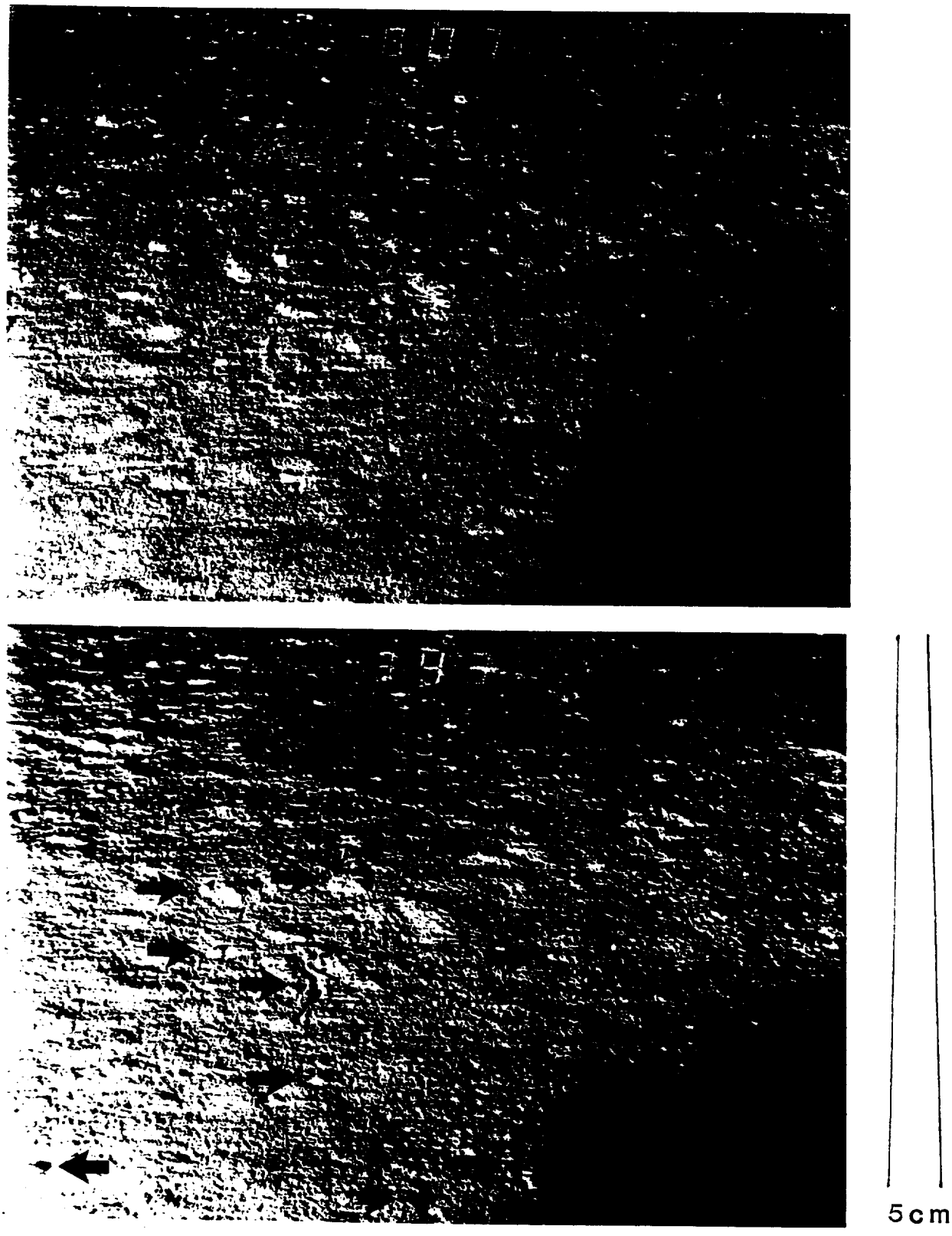


Figure 24.I. First and last frames taken during the Bathysnap deployment (nos 7 and 343) taken on days 200 and 323 respectively. Disturbances to the seabed which took place during this period of size greater than 1cm are identified on the photographs.

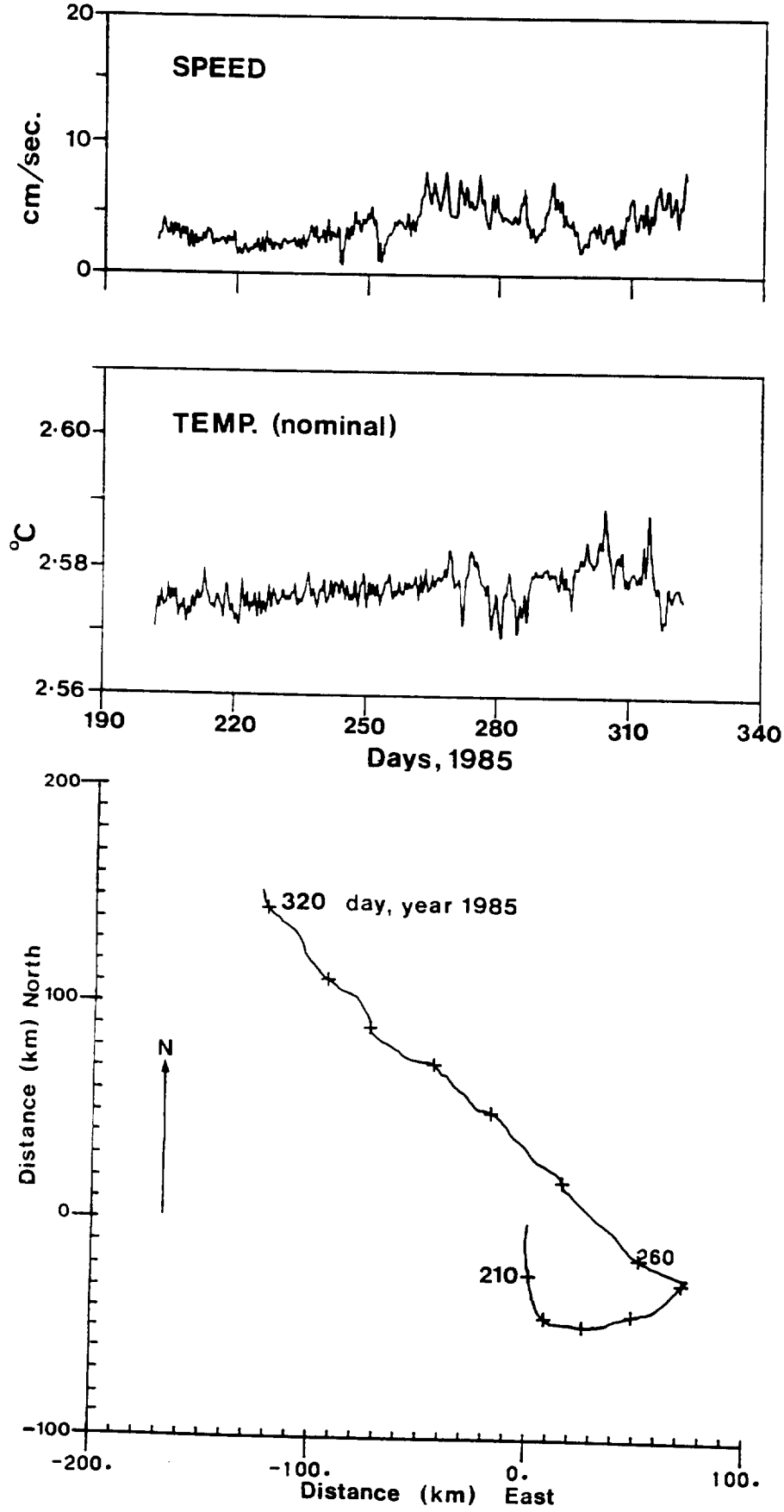


Figure 24.II. Current speed, water temperature and a progressive vector diagram of the current. The camera was facing due south.

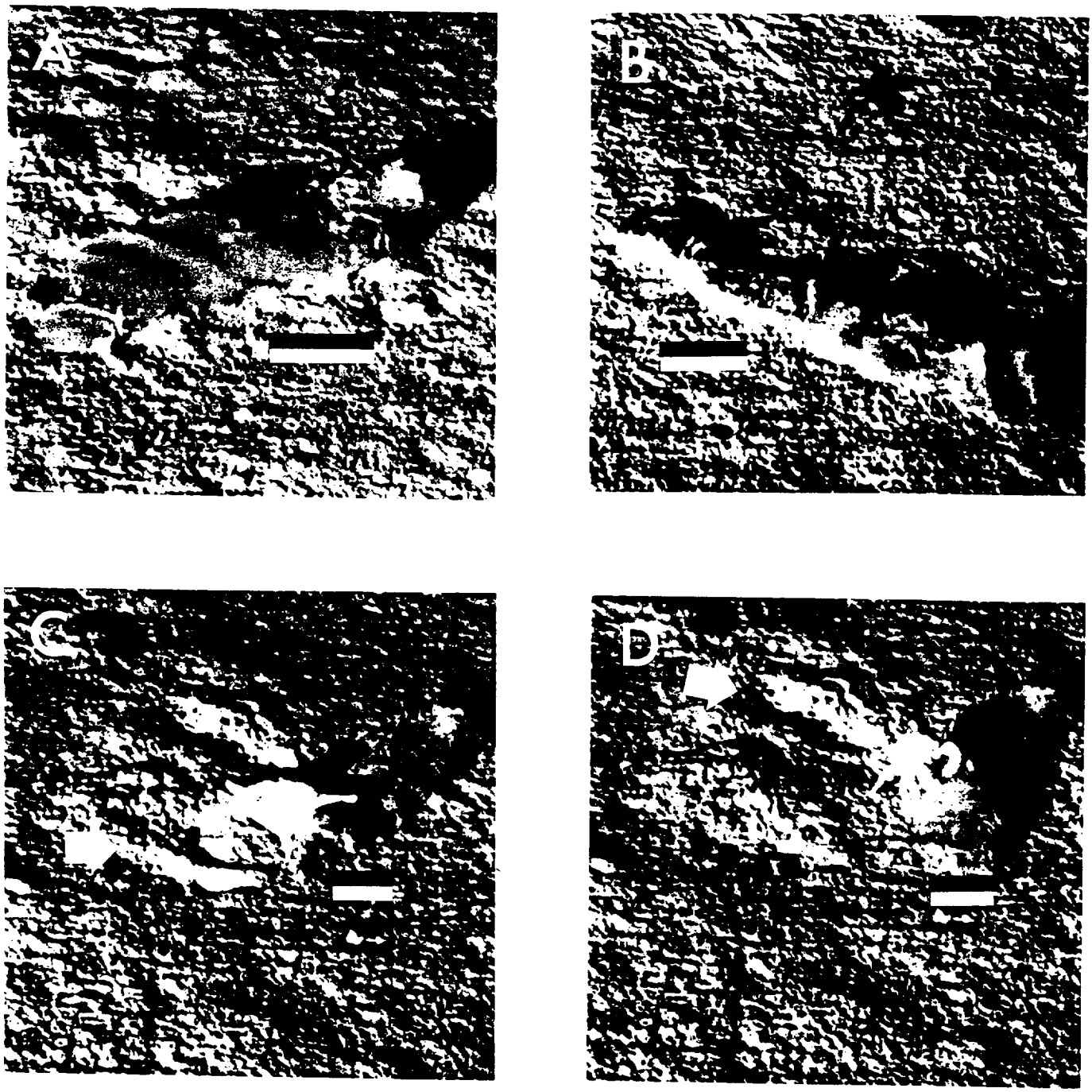


Figure 24.III. A,B The pelagic tunicate Pyrosoma sp.

C, Hyphalaster inermis feeding on Pyrosoma sp. The area of seabed from which it has just emerged is identified.

D, Munidopsis sp. feeding on Pyrosoma sp. The area of seabed from which it has just emerged is identified. Scale bars = 5cm

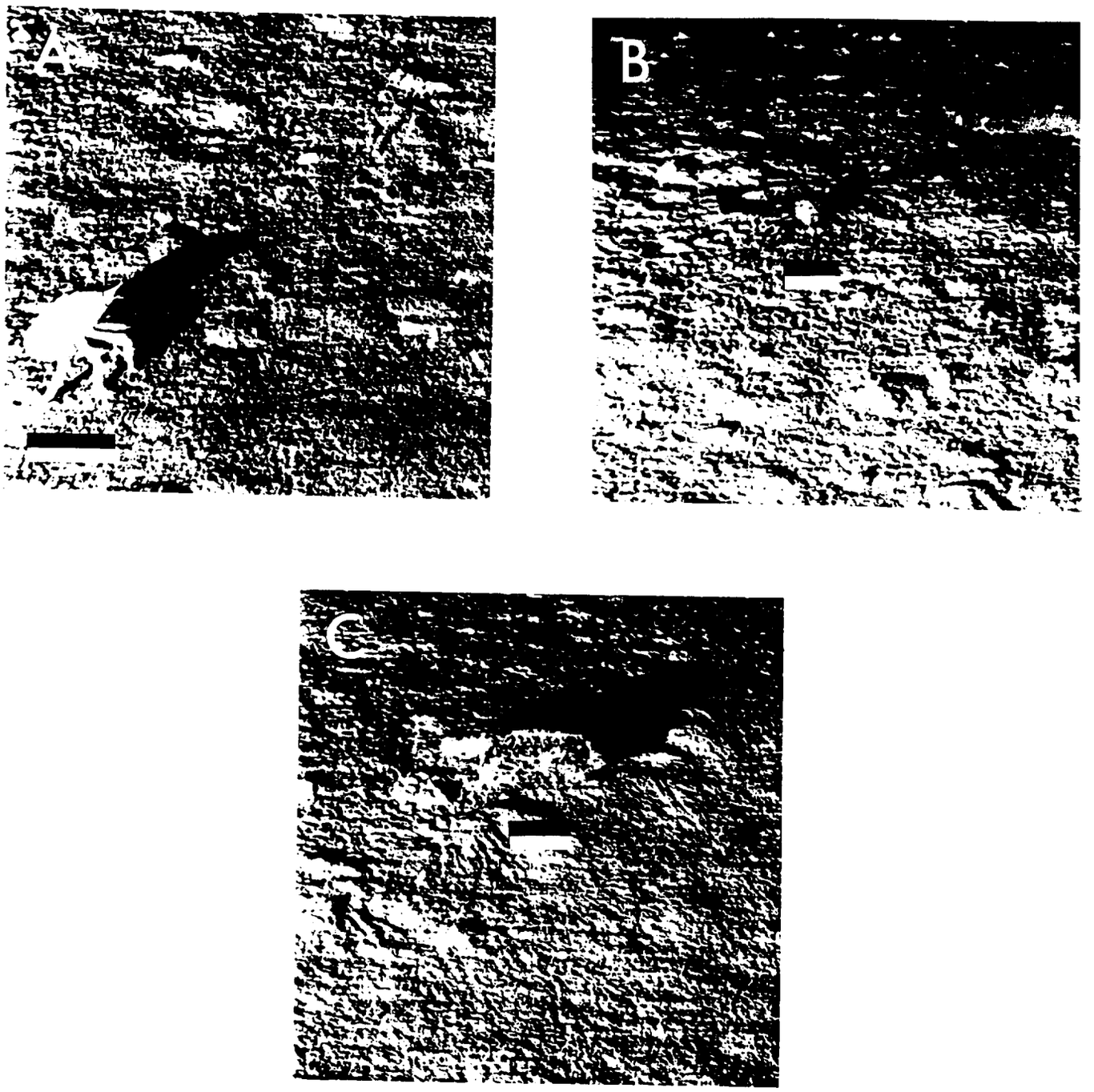


Figure 24.IV. Megafauna only present in single frames.
A, Munidopsis sp. (a squat lobster).
B, Plesiodiadema microtuberculatum (an urchin).
C, Unidentified organism. Scale bars = 5cm.

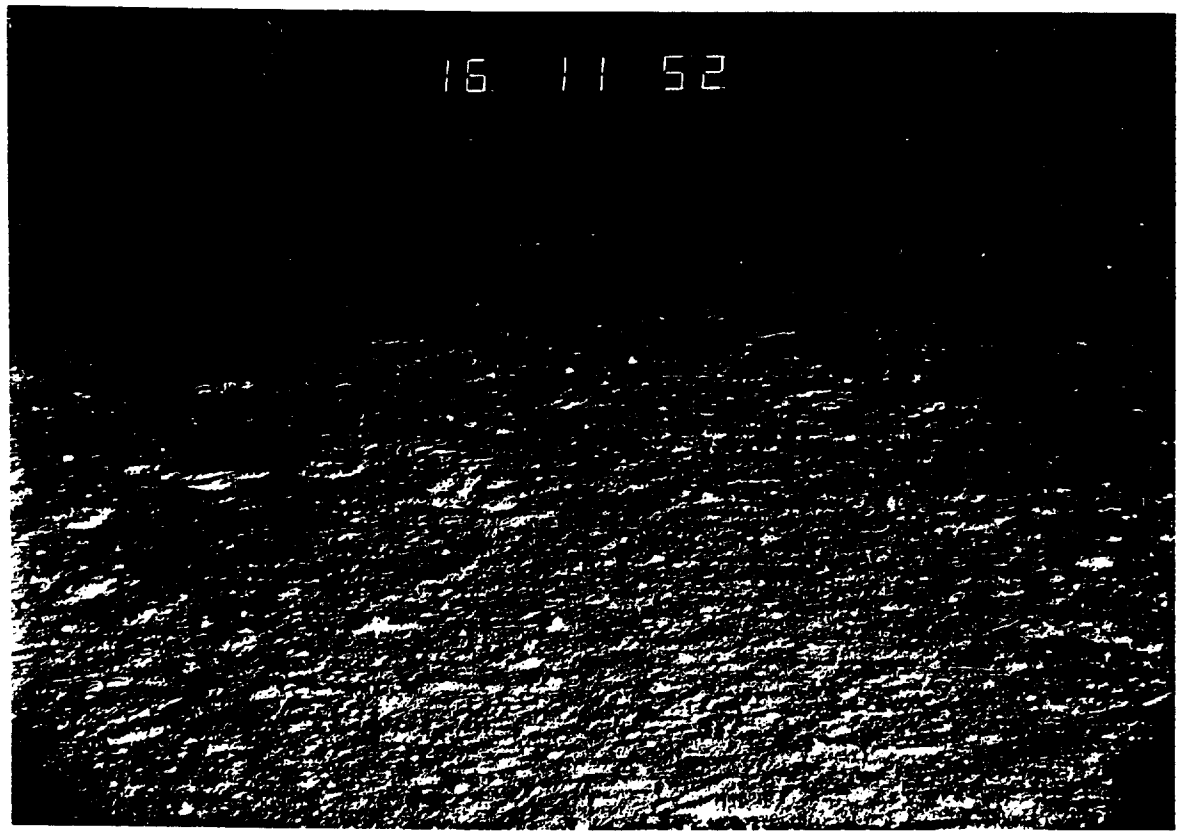


Figure 28.I. The asteroid Hyphalaster inermis crawling over the seabed.

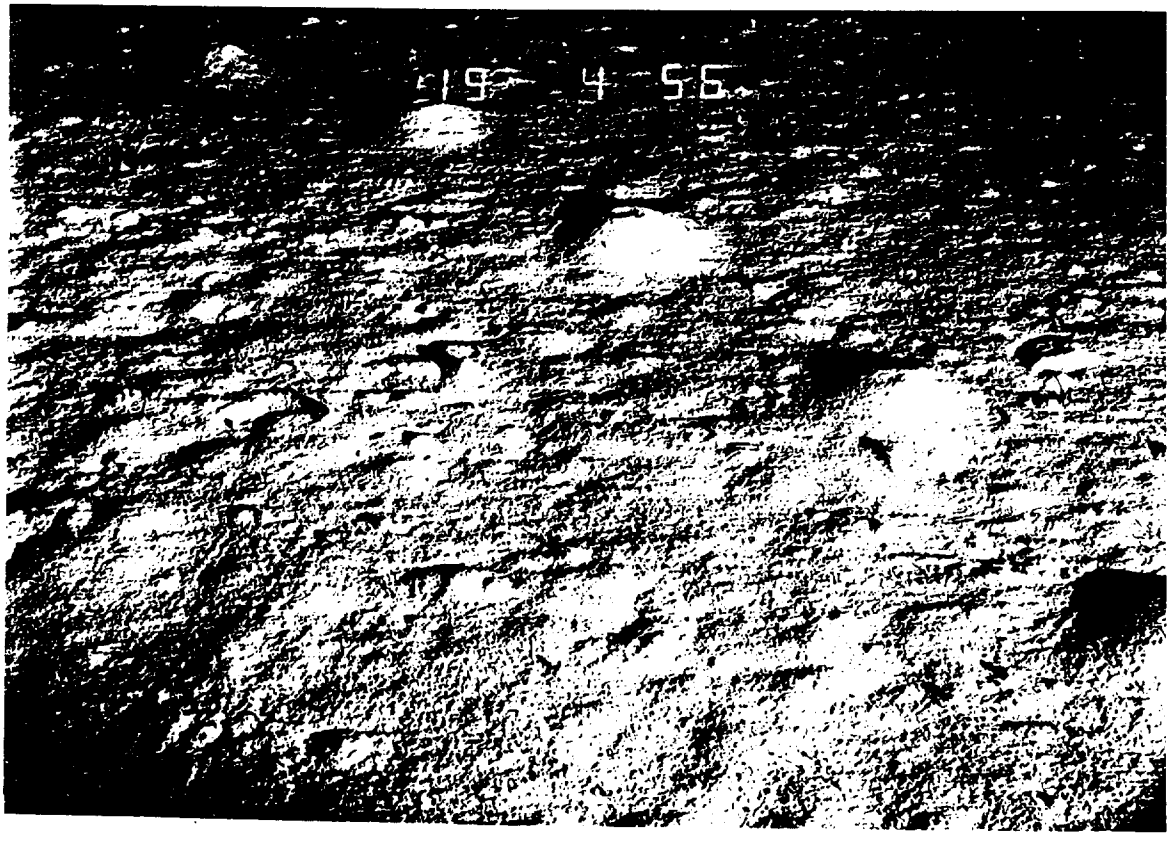


Figure 28.II. Conical mounds made by Molpadia blakei.

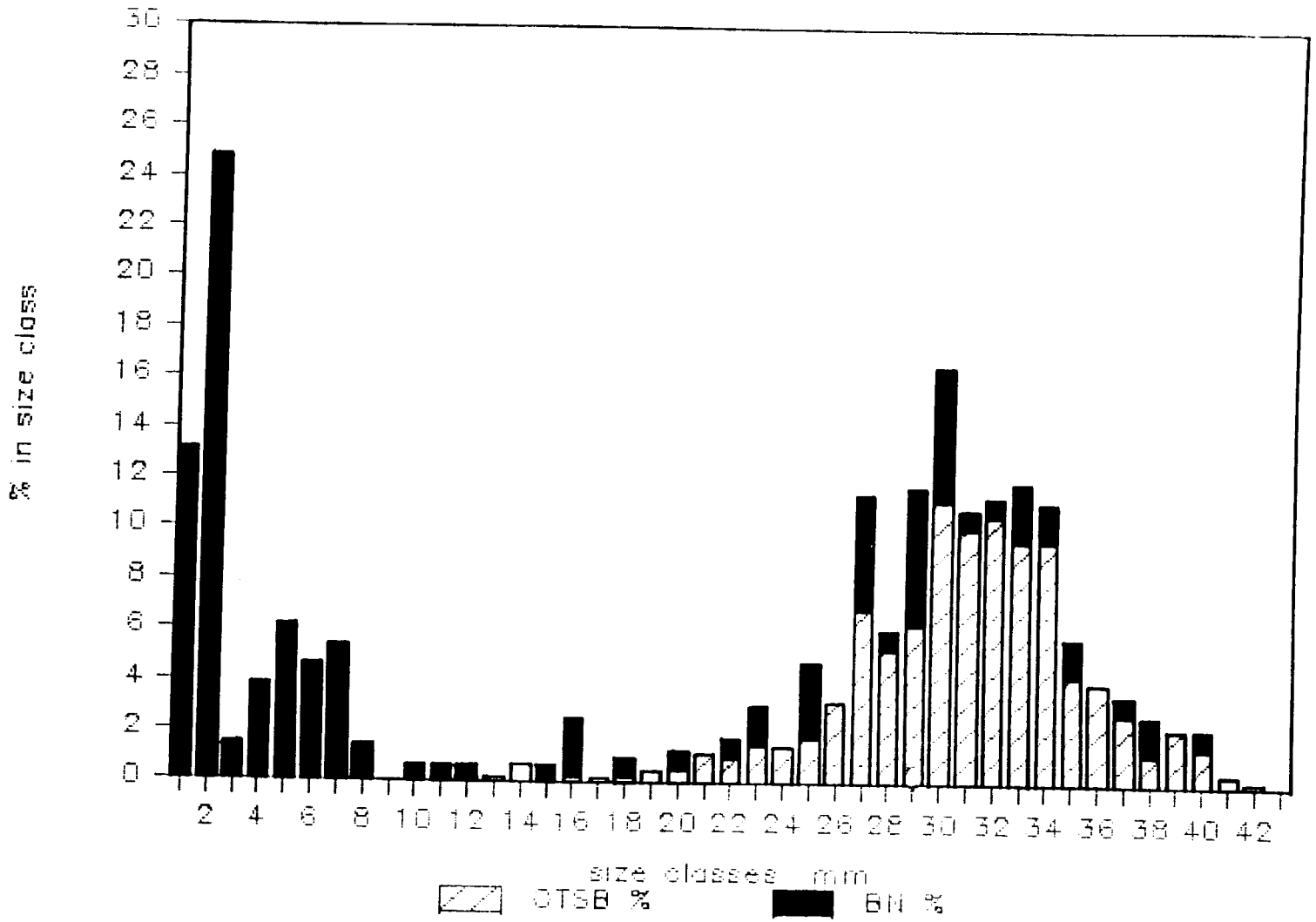


Figure 28.III. Population size distributions of Hyphalaster inermis from otter trawl (OTSB) and epibenthic sledge (BN) catches (samples combined).

Figure 28.IV. The holothurian Psychropotes semperiana with its large unpaired dorsal appendage towards its poterior end on the LHS.

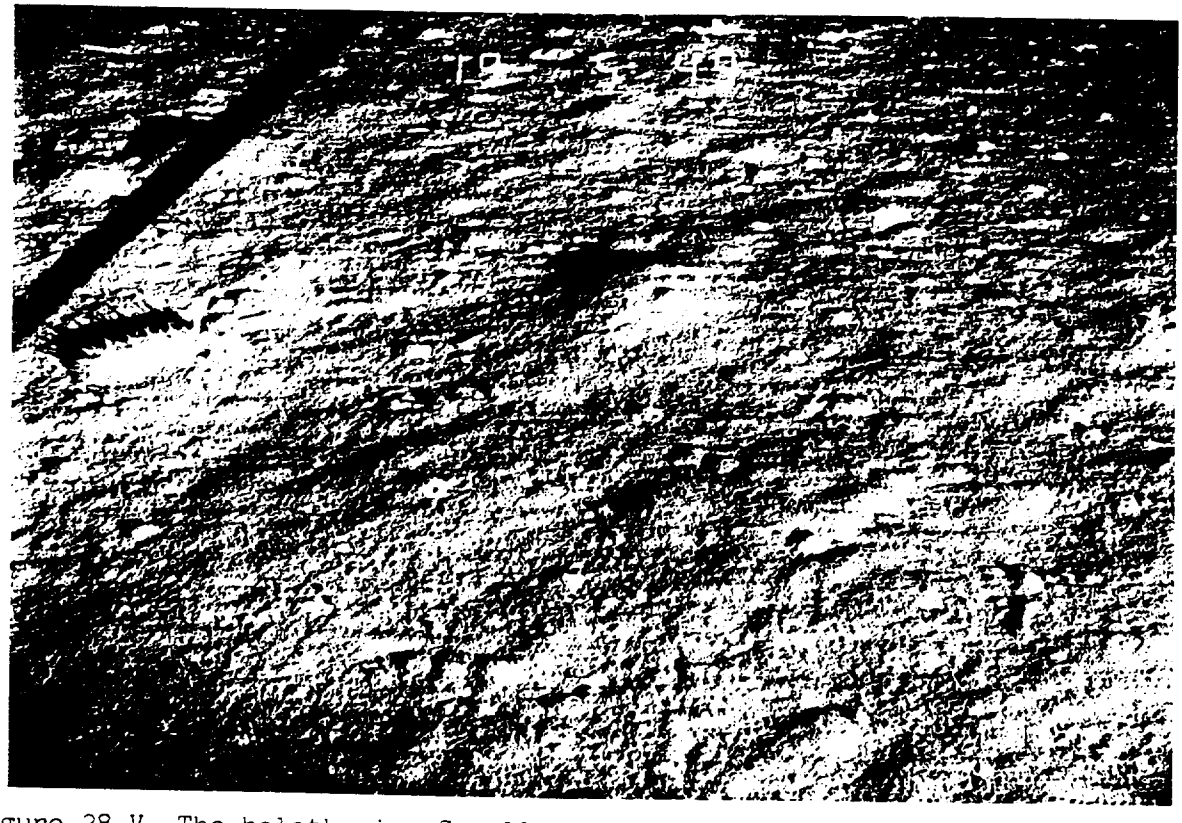


Figure 28.V. The holothurian Synallactes crucifera browsing on the sediment surface.

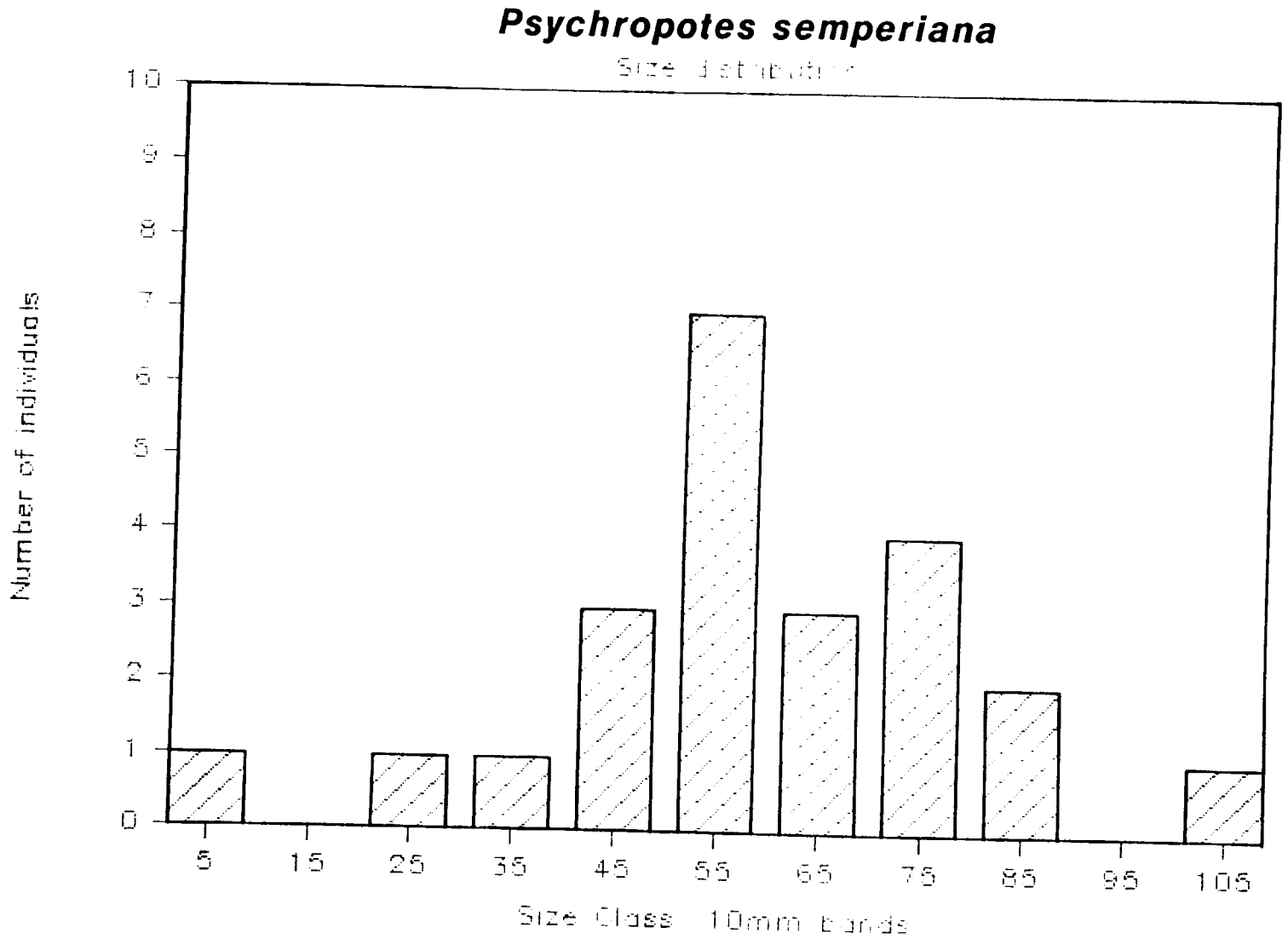


Figure 28.VI. Population size distribution of Psychropotes semperiana.

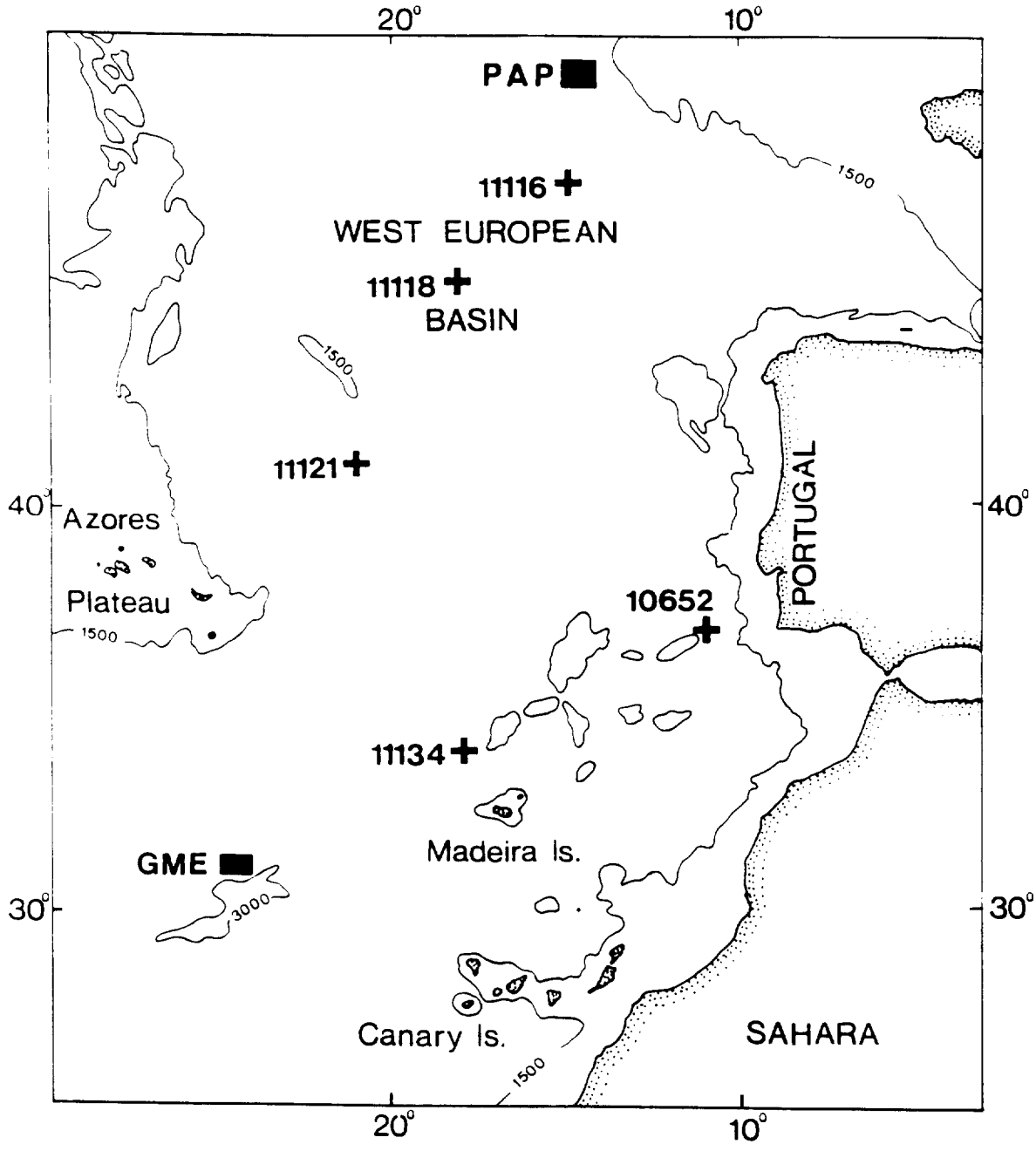


Figure 29.I. Chart of the eastern North Atlantic indicating the localities of additional stations used in the fish sample comparisons with the catches from GME.

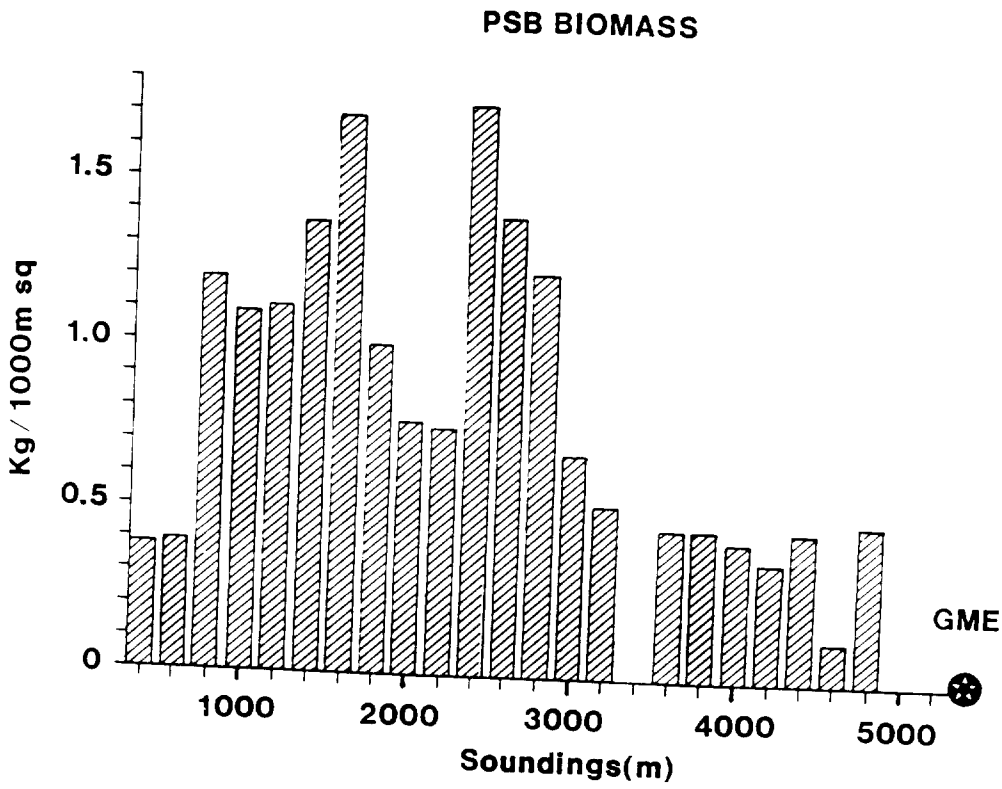


Figure 29.II. Comparison of total demersal fish biomass (OTSB) estimated from GME compared with similar estimates obtained from 120 stations occupied in the Porcupine Seabight.

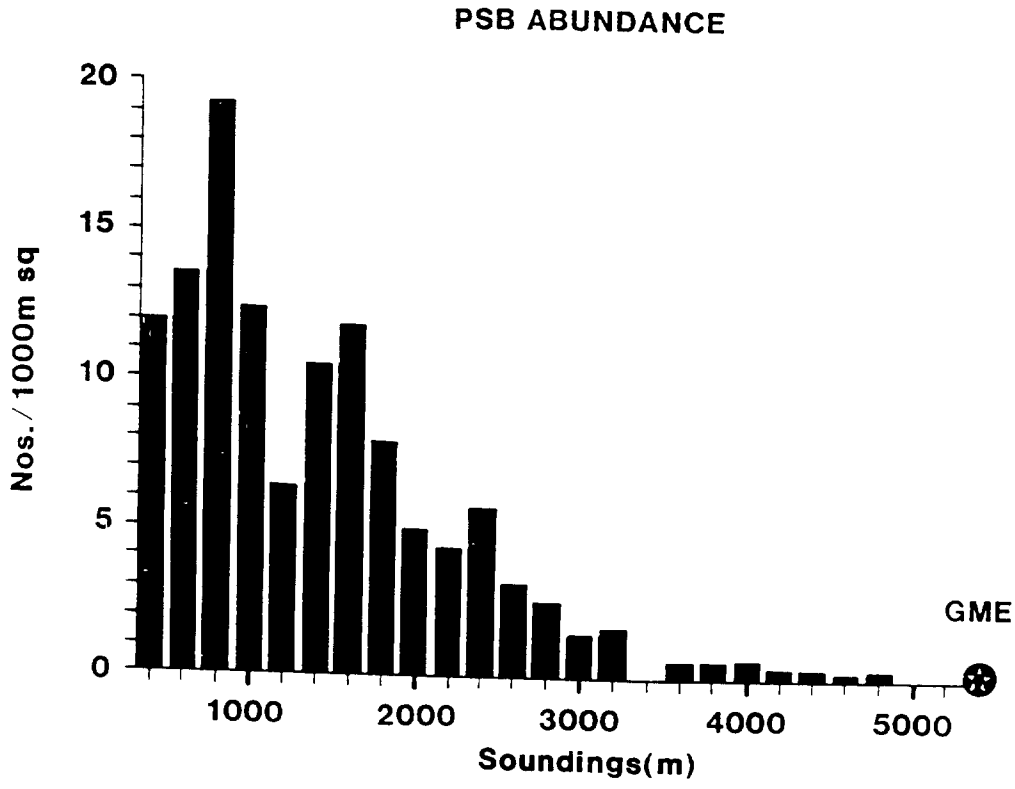


Figure 29.III. Comparison of total demersal fish abundance (OTSB) estimated from GME compared with similar estimates obtained from 120 stations occupied in the Porcupine Seabight.

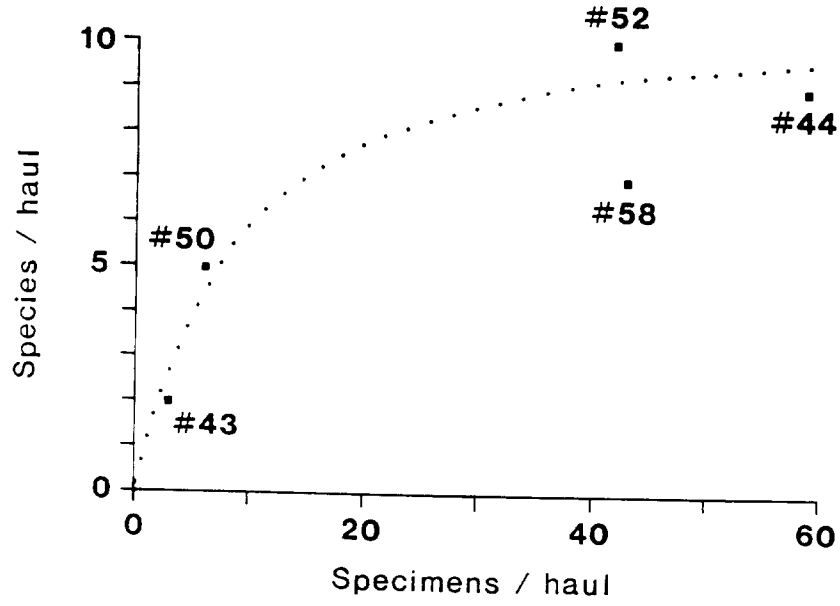


Figure 29.IV. Species accumulation curve obtained from OTSB samples.

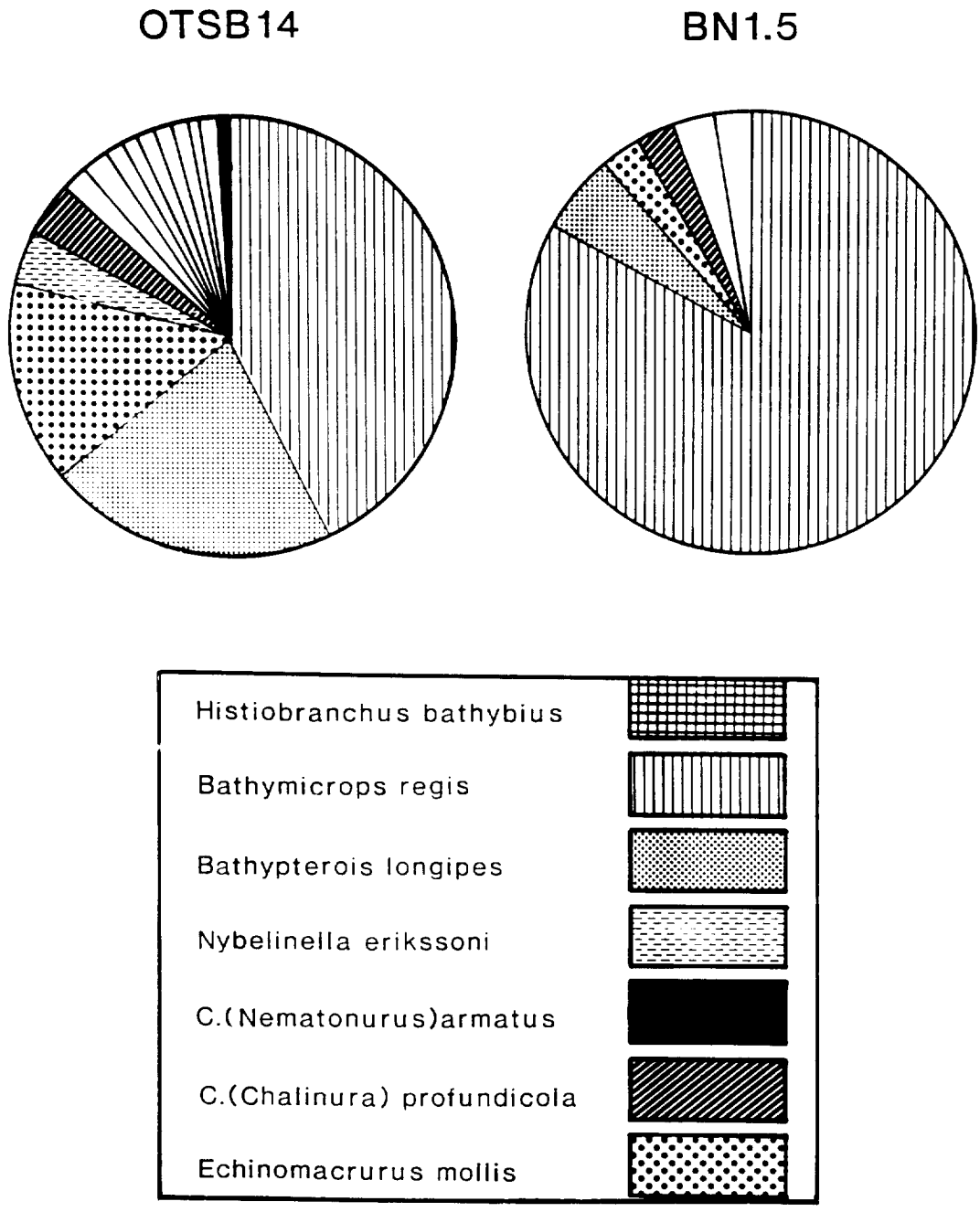


Figure 29.V. Percentage species composition of demersal fish sampled by (a) OTSB and (b) BN.

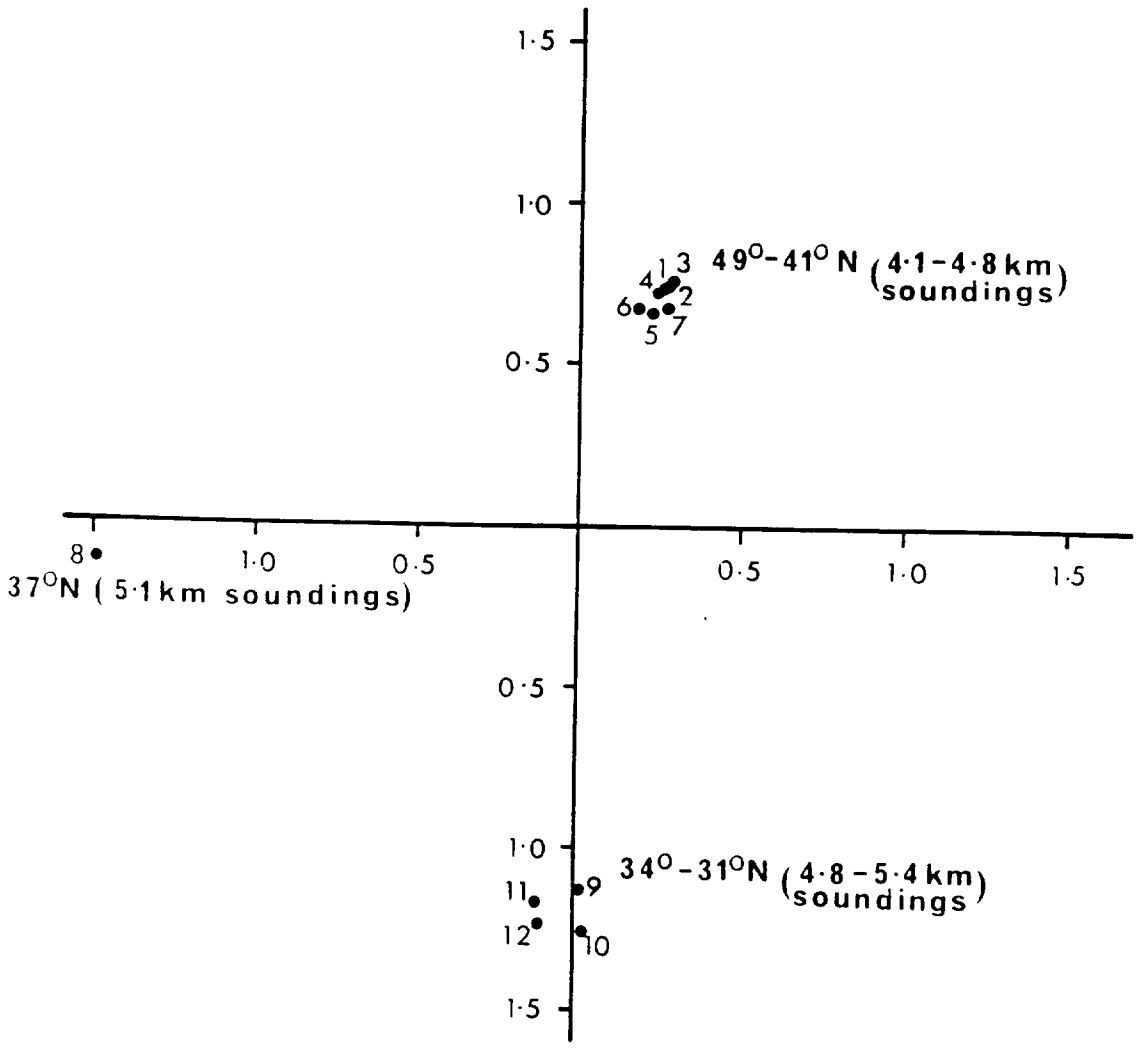


Figure 29.VI. Comparison of OTSB catch composition from the stations indicated in Table 29.4. Consistent differences among them are shown from a plot of 1-dimensional ordination (by MDS) of the PS indices of the trawl sample matrix (Table 29.4). (Numbers refer to those given in Table 29.4).

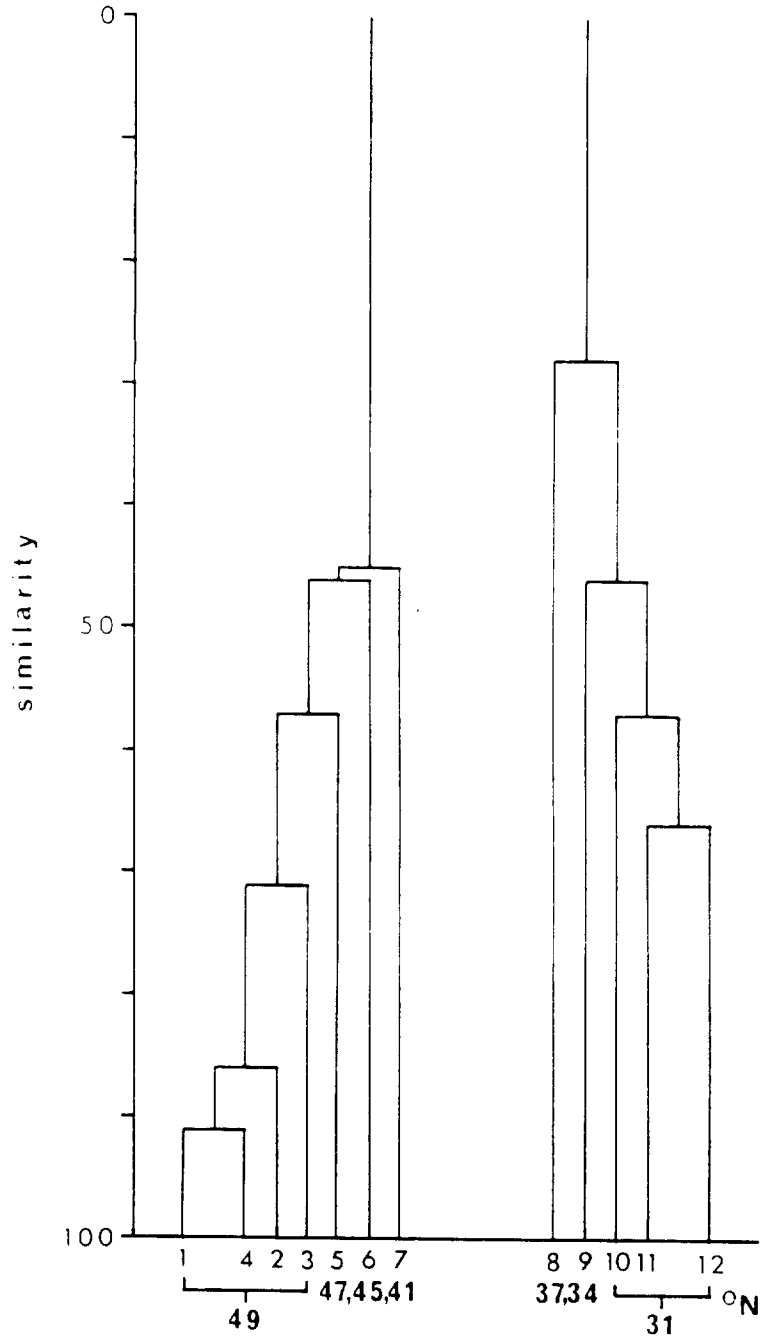


Figure 29.VII. Dendrogram from a single linkage cluster analysis of the same intersample similarity matrix (PS) as used in Fig. 29.VI and numbered similarly.

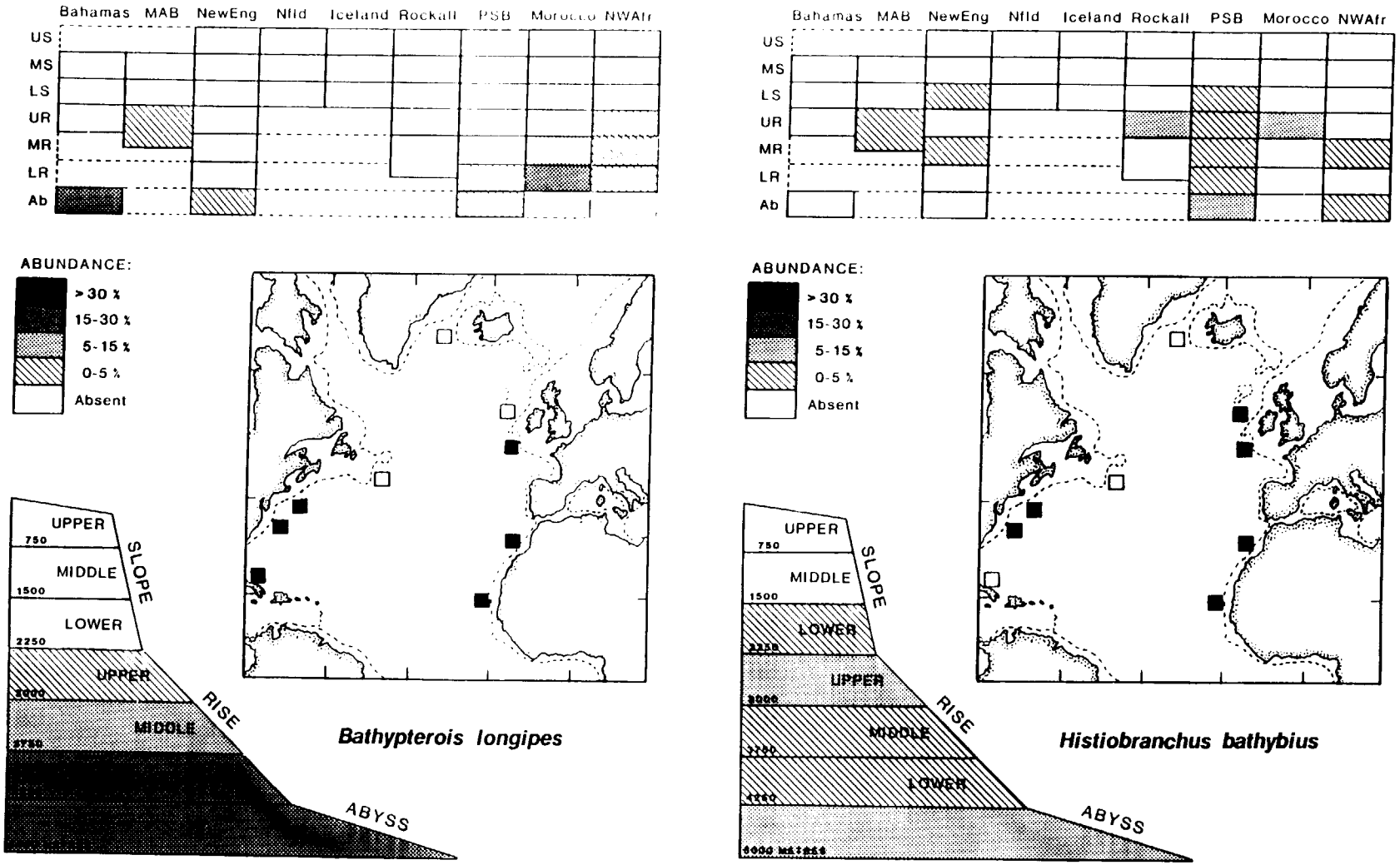


Figure 29.VIII. The North Atlantic distribution of some dominant demersal deep-sea species obtained from 9 areas and 692 trawl samples (from Haedrich and Merrett, in preparation). Histiobranchus bathybius and Bathypterois longipes.

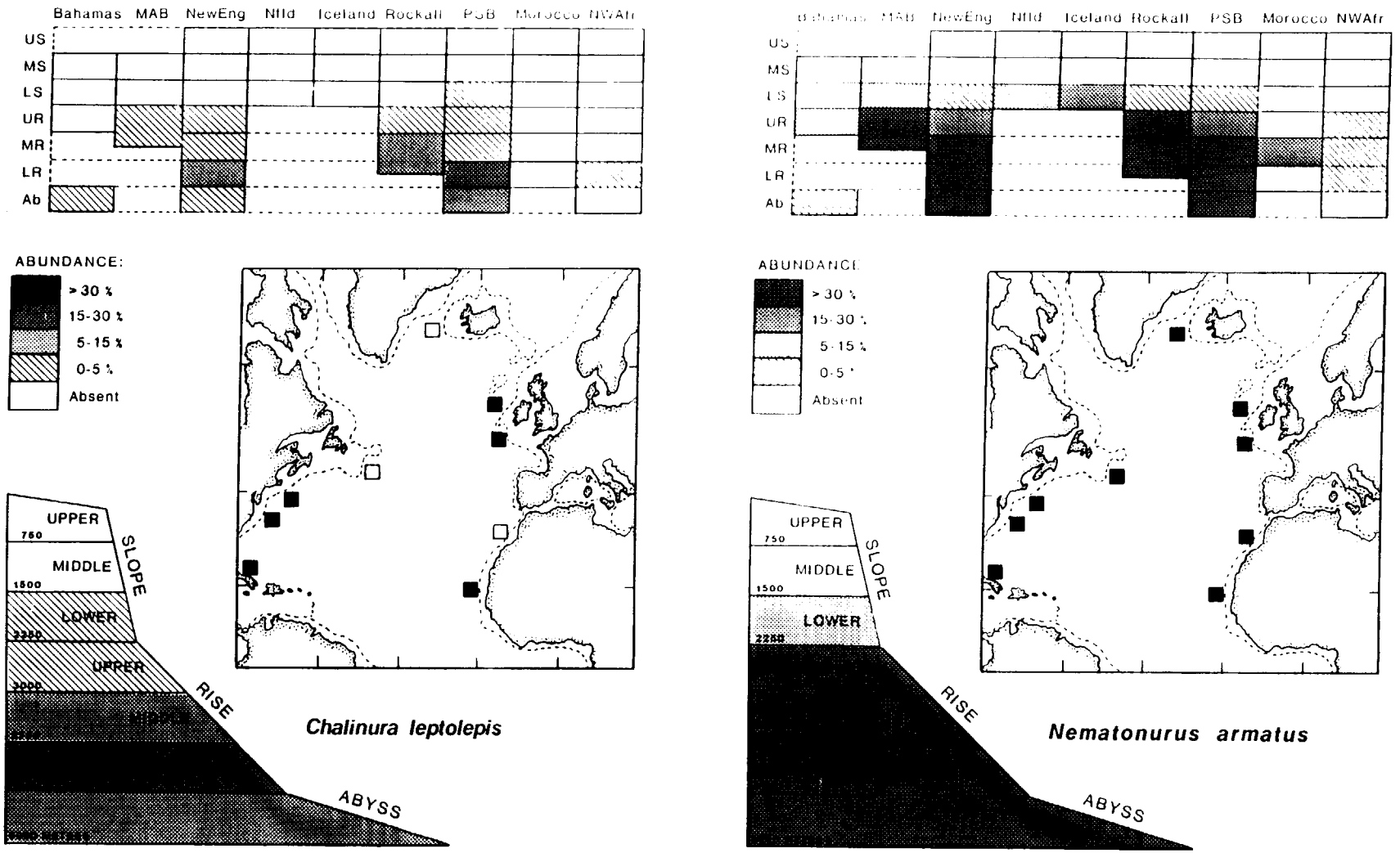


Figure 29.IX. The North Atlantic distribution of some dominant demersal deep-sea species (from Haedrich and Merrett, in preparation). Coryphaenoides (Nematonurus) armatus and C. (Chalinura) leptolepis.

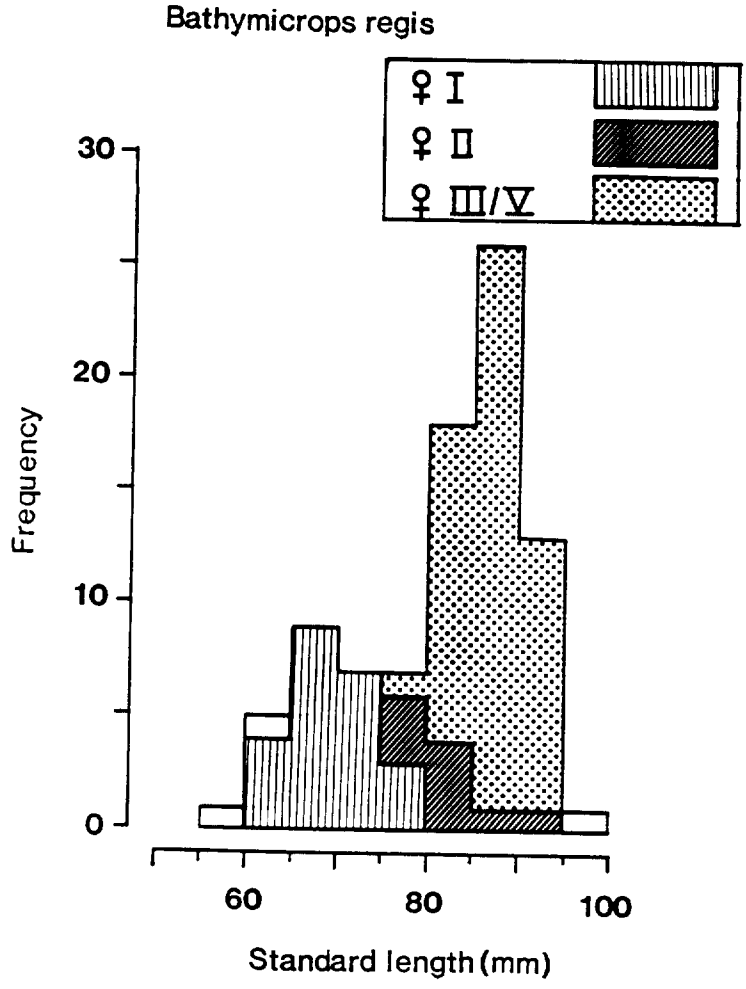


Figure 29.X. Length-frequency distribution of 87 Bathymicrops regis sampled by the OTSB and BN at GME, with the maturity staging of the ovarian portion of the ovotestis indicated.

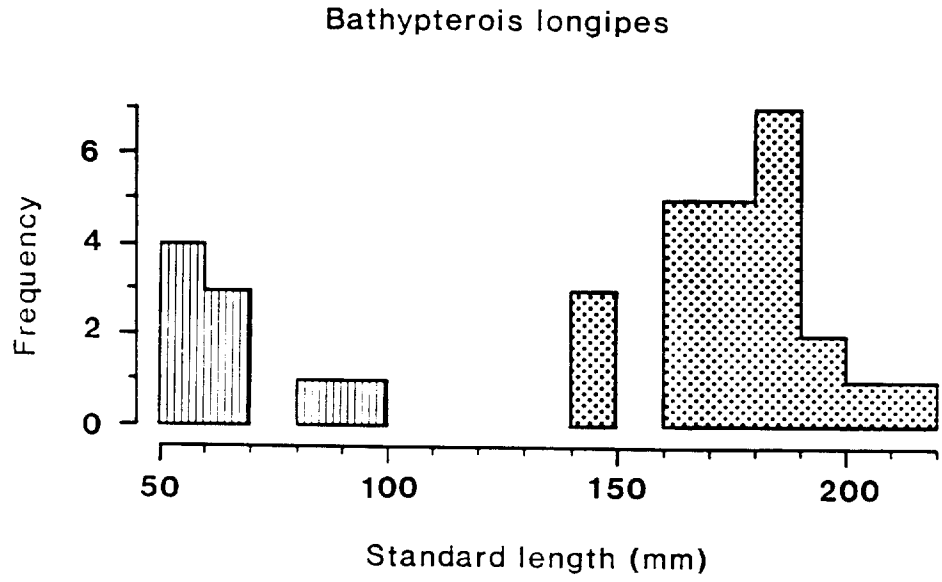


Figure 29.XI. Length-frequency distribution of 33 Bathypterois longipes sampled by OTSB at GME, with the maturity staging of the ovarian portion of the ovotestis indicated as in Fig. 29.X.

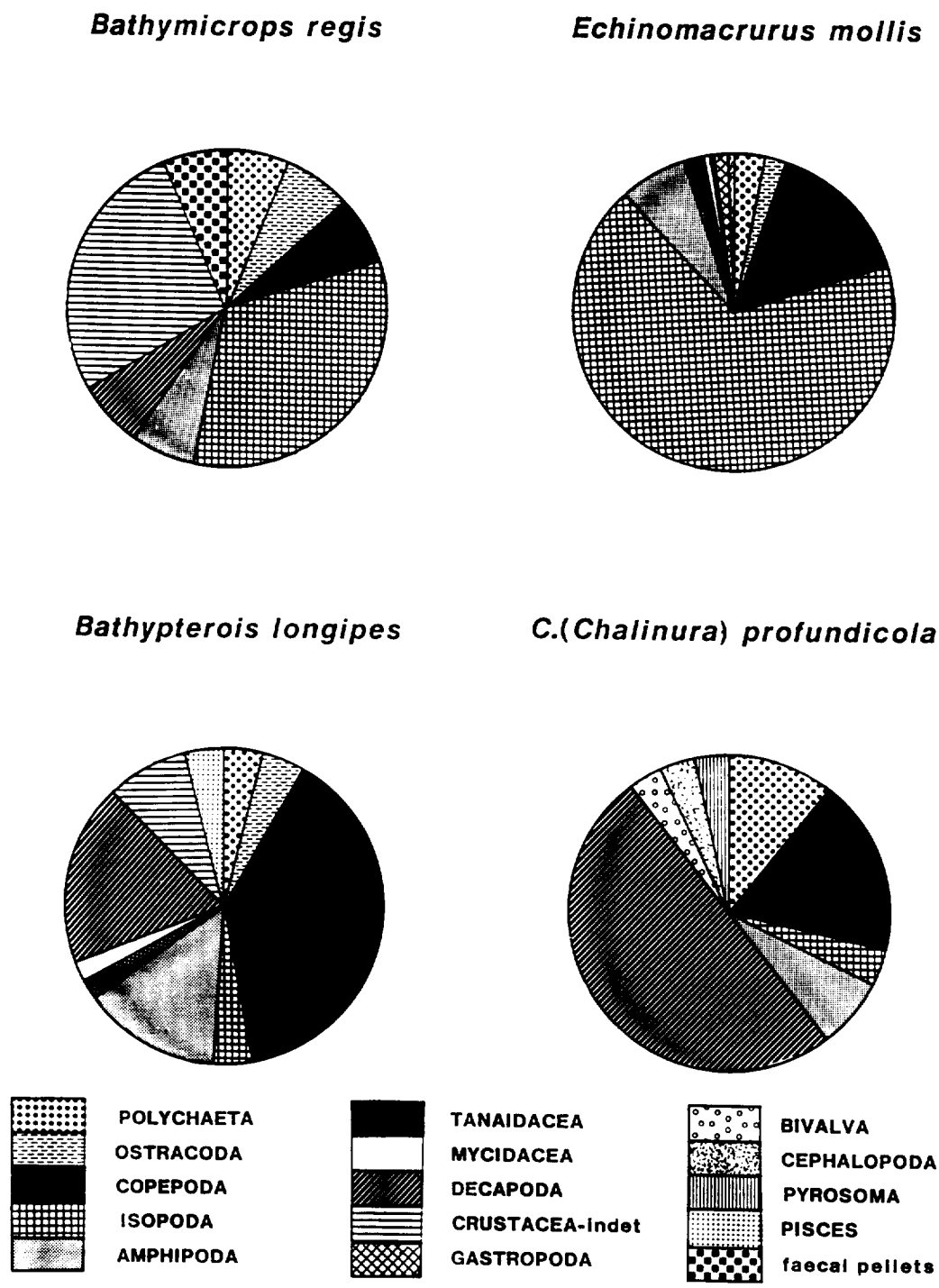


Figure 29.XII. Percentage composition of the diets of 4 dominant species sampled at GME. (a) Bathymicrops regis, (b) Bathypterois longipes, (c) Echinomacrurus mollis and (d) Coryphaenoides (Chalinura) profundicola (*denotes a minimum figure, as the actual number of items was uncountable).

Table 1.1 Station list of work carried out en route to GME and at the site

Gear abbreviations:-

CTD - Conductivity Temperature Depth Probe

MS - Multi-sampler

Trans M - Transmissometer

UFL - Underwater Fluorometer

LMD - Light Meter Diode

W/B - Water Bottle

RMT 1+8M - Multiple Rectangular Midwater Trawl with 3 pairs of (nominally) 1m^2 mouth area nets, mesh 0.32mm (RMT 1) and 8m^2 mouth area nets, mesh 4.5mm (RMT 8).

RMT 1+8 - As above but with a single pair of nets

CCE - Closing Cod End (used on RMT 8)

NN - Neuston Net

NBES - Near Bottom Echo Sounder

OTSB 14 - Semi-balloon Otter Trawl

BN1.5/3M/SBN - Bottom sledge with 3 nets plus a 0.32mm mesh suprabenthic net.

BN1.5/P - Photosledge - no nets

BN1.5/Q - Bottom sledge modified as a rock dredge.

B'SNAP - Bathysnap V

STN.	DATE 1985	POSITION LAT	POSITION LONG	GEAR	DEPTH (M)	FISHING TIME GMT	REMARKS
11252	19/ 6	46 56.8N	9 47.0W	CTD	0- 300	2207-2322	
# 0		46 56.8N	9 47.0W	MS		NIGHT	
				TRANSM			
				UFL			
11253	20/ 6	45 41.7N	12 11.3W	CTD	0- 300	1204-1250	
# 0		45 41.7N	12 11.3W	MS		DAY	
				TRANSM			
				UFL			
				LMD			
				WB7.4			
11254	21/ 6	43 52.9N	14 22.6W	CTD	0- 300	0911-0955	
# 0		43 52.9N	14 22.6W	MS		DAY	
				TRANSM			
				UFL			
				LMD			
				WB7.4			
11255	21/ 6	42 18.0N	15 51.7W	CTD	0- 300	2107-2145	
# 0		42 18.0N	15 51.7W	MS		NIGHT	
				TRANSM			
				UFL			
				LMD			
				WB7.4			
11256	22/ 6	40 41.2N	17 22.6W	CTD	0- 300	0907-0945	
# 0		40 41.2N	17 22.6W	MS		DAY	
				TRANSM			
				UFL			
				LMD			
				WB7.4			

STN.	DATE 1985	POSITION LAT	LONG	GEAR	DEPTH (M)	FISHING TIME GMT	REMARKS
11257	22/ 6	39	1.8N 18 58.7W	CTD	0- 300	2107-2150	
# 0		39	1.8N 18 58.7W	MS		NIGHT	
				TRANSM			
				UFL			
				LMD			
				WB7.4			
11258	23/ 6	37	25.8N 20 19.8W	CTD	0- 300	0908-0951	
# 0		37	25.8N 20 19.8W	MS		DAY	
				TRANSM			
				UFL			
				LMD			
				WB7.4			
11259	23/ 6	35	36.8N 21 51.0W	CTD	0- 300	2106-2148	
# 0		35	36.8N 21 51.0W	MS		NIGHT	
				TRANSM			
				UFL			
				LMD			
				WB7.4			
11260	24/ 6	33	53.8N 23 20.1W	CTD	0- 300	0905-0946	
# 0		33	53.8N 23 20.1W	MS		DAY	
				TRANSM			
				UFL			
				LMD			
				WB7.4			
11261	27/ 6	31	28.5N 24 54.2W	RMT1M/1	300- 400	1128-1228	
# 1		31	27.6N 24 56.3W	RMT8M/1		DAY	FLOW DIST. 3.26 KM.
11261	27/ 6	31	27.6N 24 56.3W	RMT1M/2	400- 500	1228-1329	
# 2		31	27.1N 24 58.4W	RMT8M/2		DAY	FLOW DIST. 3.35 KM.

STN.	DATE 1985	POSITION LAT	POSITION LONG	GEAR	DEPTH (M)	FISHING TIME GMT	REMARKS	
11261 # 3	27/ 6	31 27.1N 31 26.2N	24 58.4W 25 0.8W	RMT1M/3 RMT8M/3	500- 600	1329-1429 DAY	FLOW DIST.	3.94 KM.
11261 # 4	27/ 6	31 24.5N 31 23.5N	25 4.8W 25 7.3W	RMT1M'1 RMT8M/1	600- 700	1605-1705 DAY	FLOW DIST.	3.70 KM.
11261 # 5	27/ 6	31 23.5N 31 22.4N	25 7.3W 25 9.5W	RMT1M/2 RMT8M/2	700- 800	1705-1805 DAY	FLOW DIST.	3.77 KM.
11261 # 6	27/ 6	31 22.4N 31 21.2N	25 9.5W 25 11.6W	RMT1M/3 RMT8M/3	800- 900	1805-1906 DAY	FLOW DIST.	3.71 KM.
11261 # 7	27/ 6	31 20.5N 31 20.5N	25 13.8W 25 13.8W	CTD MS TRANSM UFL LMD WB7.4	0- 300	2025-2102 DUSK		
11261 # 8	27/ 6	31 20.2N 31 19.6N	25 17.3W 25 19.9W	RMT1M/1 RMT8M/1	600- 700	2209-2309 NIGHT	NETS FAILED	
11261 # 9	28/ 6	31 19.6N 31 18.2N	25 19.9W 25 27.2W	RMT1M/2 RMT8M/2	0- 700	0049-0354 NIGHT	NETS FAILED	
11261 #10	28/ 6	31 17.5N 31 17.3N	25 31.6W 25 33.3W	RMT1M/1 RMT8M/'	0- 320	0422-0456 NIGHT	NETS FAILED	
11261 #11	28/ 6	31 17.8N 31 17.8N	25 33.6W 25 33.6W	CTD MS TRANSM UFL WB7.4 LMD	0-5296	0542-1008 DAWN		

STN.	DATE 1985	POSITION LAT	POSITION LONG	GEAR	DEPTH (M)	FISHING TIME GMT	REMARKS	
11261	28/ 6	31 18.6N	25 31.7W	RMT1M/1	200- 300	1046-1146		
#12		31 17.8N	25 29.1W	RMT8M/1		DAY	FLOW DIST.	4.09 KM.
11261	28/ 6	31 17.8N	25 29.1W	RMT1M/2	100- 200	1146-1247		
#13		31 16.9N	25 26.7W	RMT8M/2		DAY	FLOW DIST.	4.09 KM.
11261	28/ 6	31 16.9N	25 26.7W	RMT1M/3	0- 100	1247-1347		
#14		31 16.0N	25 24.2W	RMT8M/3		DAY	FLOW DIST.	4.07 KM.
11261	28/ 6	31 14.4N	25 20.5W	RMT1M/1	900-1000	1509-1609		
#15		31 13.1N	25 18.3W	RMT8M/1		DAY	FLOW DIST.	3.55 KM.
11261	28/ 6	31 13.1N	25 18.3W	RMT1M/2	1000-1100	1609-1709		
#16		31 11.8N	25 16.1W	RMT8M/2		DAY	FLOW DIST.	3.82 KM.
11261	28/ 6	31 11.8N	25 16.1W	RMT1M/3	1100-1200	1709-1809		
#17		31 10.0N	25 14.2W	RMT8M/3		DAY	FLOW DIST.	3.82 KM.
11261	28/ 6	31 10.2N	25 13.4W	CTD	0- 300	1917-2006		
#18		31 10.2N	25 13.4W	MS		DUSK		
				TRANSM				
				UFL				
				LMD				
				WB7.4				
11261	28/ 6	31 12.9N	25 14.6W	RMT1M/1	910-1000	2146-2246		
#19		31 14.7N	25 15.7W	RMT8M/1		NIGHT	FLOW DIST.	2.87 KM.
11261	28/ 6	31 14.7N	25 15.7W	RMT1M/2	1000-1110	2246-2356		
#20		31 17.1N	25 17.0W	RMT8M/2		NIGHT	FLOW DIST.	3.91 KM.
11261	28/ 6	31 17.1N	25 17.0W	RMT1M/3	1100-1200	2356-0057		
#21	29/ 6	31 19.0N	25 18.0W	RMT8M/3		NIGHT	FLOW DIST.	3.50 KM.

STN.	DATE 1985	POSITION LAT	POSITION LONG	GEAR	DEPTH (M)	FISHING TIME GMT	REMARKS	
11261 #22	29/ 6	31 22.4N 31 24.6N	25 19.5W 25 20.1W	RMT1M/1 RMT8M/1	300- 400	0235-0335 NIGHT	FLOW DIST.	3.28 KM.
11261 #23	29/ 6	31 24.6N 31 26.5N	25 20.1W 25 20.8W	RMT1M/2 RMT8M/2	400- 500	0335-0436 NIGHT	FLOW DIST.	3.64 KM.
11261 #24	29/ 6	31 26.5N 31 29.0N	25 20.8W 25 22.0W	RMT1M/3 RMT8M/3	500- 600	0436-0536 NIGHT	FLOW DIST.	3.59 KM.
11261 #25	29/ 6	31 29.8N 31 29.8N	25 22.3W 25 22.3W	CTD MS TRANSM UFL LMD WB7.4	0- 300	0639-0702 DAWN		
11261 #26	29/ 6	31 28.1N 31 26.1N	25 23.4W 25 22.4W	RMT1M/1 RMT8M/1	1200-1300	0840-0940 DAY	FLOW DIST.	2.77 KM.
11261 #27	29/ 6	31 26.1N 31 24.1N	25 22.4W 25 22.1W	RMT1M/2 RMT8M/2	1300-1400	0940-1040 DAY	FLOW DIST.	3.07 KM.
11261 #28	29/ 6	31 24.1N 31 22.2N	25 22.1W 25 21.7W	RMT1M/3 RMT8M/3	1400-1500	1040-1140 DAY	FLOW DIST.	3.40 KM.
11261 #29	29/ 6	31 20.6N 31 18.1N	25 20.5W 25 20.5W	RMT1M/1 RMT8M/1	2- 25	1314-1414 DAY	FLOW DIST.	3.68 KM.
11261 #30	29/ 6	31 18.1N 31 15.6N	25 20.5W 25 20.3W	RMT1M/2 RMT8M/2	25- 50	1414-1514 DAY	FLOW DIST.	4.52 KM.
11261 #31	29/ 6	31 15.6N 31 13.3N	25 20.3W 25 20.1W	RMT1M/3 RMT8M/3	50- 100	1514-1614 DAY	FLOW DIST.	4.04 KM.

STN.	DATE 1985	POSITION LAT	LONG	GEAR	DEPTH (M)	FISHING TIME GMT	REMARKS
11261 #32	29/ 6	31 12.3N	25 21.3W	RMT1M/1	400- 500	1708-1808	
		31 11.8N	25 23.4W	RMT8M/1		DAY	FLOW DIST. 3.32 KM.
11261 #33	29/ 6	31 11.8N	25 23.4W	RMT1M/2	500- 600	1808-1908	
		31 11.3N	25 25.9W	RMT8M/2		DAY	FLOW DIST. 3.73 KM.
11261 #34	29/ 6	31 11.3N	25 25.9W	RMT1M/3	0- 600	1908-2009	
		31 10.5N	25 27.3W	RMT8M/3		DAY	FLOW DIST. 3.98 KM.
11261 #35	29/ 6	31 10.1N	25 27.5W	CTD	0- 300	2033-2115	
		31 10.1N	25 27.5W	MS		NIGHT	
				TRANSM			
				UFL			
				LMD			
				WB7.4			
11261 #36	29/ 6	31 9.8N	25 29.1W	RMT1M/1	600- 700	2204-2304	RMT 8 1 & 2 FISHED TOGETHER
		31 9.8N	25 31.2W	RMT8M/1		NIGHT	FLOW DIST. 3.23 KM.
11261 #37	29/ 6	31 9.8N	25 31.2W	RMT1M/2	700- 800	2304-0004	
	30/ 6	31 10.1N	25 33.3W	RMT8M/2		NIGHT	FLOW DIST. 3.01 KM.
11261 #38	30/ 6	31 10.1N	25 33.3W	RMT1M/3	800- 895	0004-0104	
		31 10.5N	25 35.5W	RMT8M/3		NIGHT	FLOW DIST. 3.14 KM.
11261 #39	30/ 6	31 11.6N	25 37.4W	RMT1M/1	0- 100	0208-0308	
		31 13.7N	25 37.4W	RMT8M/1		NIGHT	FLOW DIST. 3.73 KM.
11261 #40	30/ 6	31 13.7N	25 37.4W	RMT1M/2	100- 200	0308-0409	
		31 15.9N	25 37.1W	RMT8M/2		NIGHT	FLOW DIST. 3.82 KM.
11261 #41	30/ 6	31 15.9N	25 37.1W	RMT1M/3	200- 300	0409-0509	
		31 17.8N	25 37.0W	RMT8M/3		NIGHT	FLOW DIST. 3.91 KM.

STN.	DATE 1985	POSITION LAT	POSITION LONG	GEAR	DEPTH (M)	FISHING TIME GMT	REMARKS
11261 #42	30/ 6	31 24.2N	25 36.5W	CTD	0- 300	0647-0707	
		31 24.2N	25 36.5W	MS		DAWN	
				TRANSM			
				UFL			
				LMD			
				WB7.4			
11261 #43	30/ 6	31 6.7N	25 8.7W	OTSB14	5440-5440	1535-1600	
		31 5.7N	25 7.6W			DAY	LOG DIST. 17.90 KM.
11261 #44	1/ 7	31 7.0N	25 5.2W	OTSB14	5440-5440	0541-0830	
		31 12.6N	25 11.1W			DAWN	LOG DIST. 13.40 KM.
11261 #45	1/ 7	31 15.3N	25 14.3W	CTD	0- 300	1343-1434	
		31 15.3N	25 14.3W	MS		DAY	
				UFL			
				LMD			
				TRANSM			
				WB7.4			
11261 #46	1/ 7	31 18.4N	25 21.0W	RMT1M/1	5325-5427	2245-0045	
	2/ 7	31 22.3N	25 24.5W	RMT8M/1		NIGHT	FLOW DIST. 7.82 KM.
				NBES			
11261 #47	2/ 7	31 22.3N	25 24.5W	RMT1M/2	5325-5233	0045-0245	
		31 25.9N	25 27.9W	RMT8M/2		NIGHT	FLOW DIST. 8.49 KM.
				NBES			
11261 #48	2/ 7	31 25.9N	25 27.9W	RMT1M/3	5233-5132	0245-0445	
		31 35.0N	25 35.7W	RMT8M/3		NIGHT	FLOW DIST. 8.45 KM.
				NBES			

STN.	DATE 1985	POSITION LAT	LONG	GEAR	DEPTH (M)	FISHING TIME GMT	REMARKS
11261 #49	2/ 7	31 35.0N 31 35.0N	25 35.7W 25 35.7W	CTD MS LMD UFL TRANSM WB7.4	0- 300	0836-0932 DAY	
11261 #50	2/ 7	31 12.8N 31 18.5N	25 18.3W 25 25.5W	OTSB14	5440-5440	1900-2200 DUSK	LOG DIST. 17.10 KM.
11261 #51	3/ 7	31 25.1N 31 25.1N	25 33.0W 25 33.0W	CTD MS TRANSM	0-5461	0336-0835 NIGHT	
11261 #52	3/ 7	31 12.6N 31 6.6N	25 12.5W 25 5.4W	OTSB14	5440-5440	1454-1805 DAY	LOG DIST. 15.80 KM.
11261 #53	3/ 7	30 59.7N 30 59.7N	24 56.9W 24 56.9W	CTD MS UFL TRANSM LMD WB7.4	0- 300	2316-2350 NIGHT	
11261 #54	4/ 7	31 8.9N 31 11.7N	25 7.1W 25 11.3W	RMT1M/1 RMT8M/1 NBES	5347-5388	0607-0808 DAWN	49-90M ABOVE BOTTOM FLOW DIST. 6.69 KM.
11261 #55	4/ 7	31 11.7N 31 14.7N	25 11.3W 25 14.6W	RMT1M/2 RMT8M/2 NBES	5388-5415	0808-1009 DAY	24-55M ABOVE BOTTOM FLOW DIST. 7.01 KM.

STN.	DATE 1985	POSITION LAT	POSITION LONG	GEAR	DEPTH (M)	FISHING TIME GMT	REMARKS
11261 #56	4/ 7	31 14.7N 31 17.6N	25 14.6W 25 18.3W	RMT1M/3 RMT8M/3 NBES	5415-5425	1009-1206 DAY	11-25M ABOVE BOTTOM FLOW DIST. 7.37 KM.
11261 #57	4/ 7	31 22.2N 31 22.2N	25 25.3W 25 25.3W	CTD MS UFL LMD TRANSM WB7.4	0- 300	1601-1637 DAY	
11261 #58	4/ 7 5/ 7	31 6.0N 30 58.5N	25 3.7W 24 57.6W	OTSB14	5440-5400	2345-0309 NIGHT	LOG DIST. 17.80 KM.
11261 #59	5/ 7	30 49.5N 30 49.5N	24 50.6W 24 50.6W	CTD MS UFL LMD TRANSM WB7.4	0- 300	0900-0943 DAY	
11261 #60	5/ 7	31 4.0N 31 8.1N	25 9.7W 25 14.6W	OTSB14	5440-5400	1620-1920 DAY	NET FAST
11261 #61	6/ 7	31 13.2N 31 14.8N	25 16.9W 25 19.1W	RMT1M/1 RMT8M/1	600- 700	0152-0252 NIGHT	FLOW DIST. 3.28 KM.
11261 #62	6/ 7	31 14.8N 31 16.4N	25 19.1W 25 21.4W	RMT1M/2 RMT8M/2	700- 800	0252-0352 NIGHT	FLOW DIST. 3.91 KM.
11261 #63	6/ 7	31 14.4N 31 19.2N	25 21.7W 25 21.4W	RMT1M/1 RMT8M/1 NBES	5345-5385	1325-1524 DAY	48-90M ABOVE BOTTOM FLOW DIST. 7.24 KM.

STN.	DATE 1985	POSITION LAT	POSITION LONG	GEAR	DEPTH (M)	FISHING TIME GMT	REMARKS
11261 #64	6/ 7	31 19.2N 31 24.3N	25 21.4W 25 21.3W	RMT1M/2 RMT8M/2 NBES	5385-5410	1524-1735 DAY	25-48M ABOVE BOTTOM FLOW DIST. 8.71 KM.
11261 #65	6/ 7	31 24.3N 31 28.9N	25 21.3W 25 21.9W	RMT1M/3 RMT8M/3 NBES	5410-5430	1735-1929 DAY	11-31MABOVE BOTTOM FLOW DIST. 7.64 KM.
11261 #66	7/ 7	31 33.0N 31 30.5N	25 25.8W 25 26.1W	RMT1M/1 RMT8M/1	1200-1300	0112-0212 NIGHT	FLOW DIST. 3.59 KM.
11261 #67	7/ 7	31 30.5N 31 28.4N	25 26.1W 25 25.5W	RMT1M/2 RMT8M/2	1300-1400	0212-0312 NIGHT	FLOW DIST. 4.18 KM.
11261 #68	7/ 7	31 28.4N 31 26.3N	25 25.5W 25 25.2W	RMT1M/3 RMT8M/3	1400-1520	0312-0412 NIGHT	FLOW DIST. 3.82 KM.
11261 #69	7/ 7	31 11.2N 31 7.9N	25 25.3W 25 25.2W	RMT1M/1 RMT8M/1	3900-4300	1153-1311 DAY	FLOW DIST. 4.22 KM.
11261 #70	7/ 7	31 7.9N 31 4.7N	25 25.2W 25 25.2W	RMT1M/2 RMT8M/2	4300-4700	1311-1423 DAY	FLOW DIST. 4.35 KM.
11261 #71	7/ 7	31 4.7N 31 2.3N	25 25.2W 25 25.2W	RMT1M/3 RMT8M/3	4700-5100	1423-1516 DAY	FLOW DIST. 3.15 KM.
11261 #72	7/ 7	30 53.7N 30 53.7N	25 22.7W 25 22.7W	CTD MS LMD UFL TRANSM	0- 300	1923-2004 NIGHT	

STN.	DATE 1985	POSITION LAT	POSITION LONG	GEAR	DEPTH (M)	FISHING TIME GMT	REMARKS	
11261	7/ 7	30 59.7N	25 21.2W	RMT1M/1	0- 25	2147-2247		
#73		31 1.3N	25 19.2W	RMT8M/1		NIGHT	FLOW DIST.	4.04 KM.
11261	7/ 7	31 1.3N	25 19.2W	RMT1M/2	25- 50	2247-2347		
#74		31 2.8N	25 17.1W	RMT8M/2		NIGHT	FLOW DIST.	3.68 KM.
11261	7/ 7	31 2.8N	25 17.1W	RMT1M/3	50- 100	2347-0047		
#75	8/ 7	31 4.4N	25 15.1W	RMT8M/3		NIGHT	FLOW DIST.	3.46 KM.
11262	12/ 7	31 23.5N	25 6.7W	RMT1M/1	1500-1910	2225-0025		
# 1	13/ 7	31 23.2N	25 13.3W	RMT8M/1		NIGHT	FLOW DIST.	8.18 KM.
11262	13/ 7	31 23.2N	25 13.3W	RMT1M/2	1910-2315	0025-0227		
# 2		31 22.8N	25 19.8W	RMT8M/2		NIGHT	FLOW DIST.	8.94 KM.
11262	13/ 7	31 22.8N	25 19.8W	RMT1M/3	2310-2700	0227-0429		
# 3		31 21.8N	25 25.3W	RMT8M/3		NIGHT	FLOW DIST.	8.22 KM.
11262	13/ 7	31 19.7N	25 17.0W	RMT1M/1	2700-3110	1030-1230		
# 4		31 19.4N	25 10.8W	RMT8M/1		DAY	FLOW DIST.	7.91 KM.
11262	13/ 7	31 19.4N	25 10.8W	RMT1M/2	3110-3500	1230-1518		
# 5		31 18.6N	25 2.4W	RMT8M/2		DAY	FLOW DIST.	11.38 KM.
11262	13/ 7	31 18.6N	25 2.4W	RMT1M/3	3330-3910	1518-1737		
# 6		31 23.0N	24 58.1W	RMT8M/3		DAY	FLOW DIST.	9.60 KM.
11262	13/ 7	31 28.4N	24 56.3W	CTD	0-5424	2042-0135		
# 7	14/ 7	31 28.4N	25 56.3W	MS TRANSM		NIGHT		
11262	14/ 7	31 27.4N	24 56.3W	RMT1M/1	500- 600	0227-0329		
# 8		31 25.0N	24 56.5W	RMT8M/1		NIGHT	FLOW DIST.	3.91 KM.

STN.	DATE 1985	POSITION LAT	POSITION LONG	GEAR	DEPTH (M)	FISHING TIME GMT	REMARKS	
11262	14/ 7	31 25.0N	24 56.5W	RMT1M/2	495- 600	0329-0432		
# 9		31 22.5N	24 56.5W	RMT8M/2		NIGHT	FLOW DIST.	4.67 KM.
11262	14/ 7	31 14.2N	25 10.8W	RMT1M/1	3900-4295	1050-1253		
#10		31 13.5N	25 16.7W	RMT8M/1		DAY	FLOW DIST.	6.47 KM.
11262	14/ 7	31 13.5N	25 16.7W	RMT1M/2	4295-4720	1253-1453		
#11		31 12.7N	25 22.4W	RMT8M/2		DAY	FLOW DIST.	7.28 KM.
11262	14/ 7	31 12.7N	25 22.4W	RMT1M/3	4720-5110	1453-1653		
#12		31 12.4N	25 27.9W	RMT8M/3		DAY	FLOW DIST.	8.09 KM.
11262	14/ 7	31 12.1N	25 34.0W	NN	0- 0	2030-0630	SERIES OF 12 TOWS	
#13	15/ 7	31 16.0N	25 4.6W			NIGHT		
11262	15/ 7	31 14.6N	25 27.9W	CTD	0-5349	2115-0130		
#14	16/ 7	31 14.6N	25 27.9W	MS TRANSM		NIGHT		
11262	16/ 7	31 14.7N	25 8.6W	BN1.5/3M	5432-5432	0839-1109		
#15		31 13.2N	25 3.9W	SBN 0.5		DAY	LOG DIST.	0.47 KM.
11262	16/ 7	31 9.1N	25 12.6W	BN1.5/3M	5432-5432	2320-0051		
#16	17/ 7	31 8.7N	25 9.6W	SBN 0.5		NIGHT	LOG DIST.	2.16 KM.
11262	17/ 7	31 13.3N	25 14.4W	BN1.5/3M	5432-5432	1214-1417		
#17		31 11.5N	25 9.5W	SBN 0.5		DAY	LOG DIST.	4.08 KM.
11262	17/ 7	31 6.4N	25 31.9W	CTD	0-2000	2157-2354		
#18		31 6.4N	25 31.9W	TRANSM		NIGHT		
11262	18/ 7	31 19.8N	25 29.0W	BN1.5/3M	5432-5432	0539-1224		
#19		31 34.0N	25 26.9W	SBN 0.5		DAY	LOG DIST.	7.95 KM.

STN.	DATE 1985	POSITION LAT	POSITION LONG	GEAR	DEPTH (M)	FISHING TIME GMT	REMARKS
11262	19/ 7	31 28.0N	25 12.8W	BN1.5/P	5110-5220	0444-0742	
#20		31 31.7N	25 8.7W			DAWN	
11262	19/ 7	31 15.2N	25 25.4W	B.SNAP	5376-5376	1447-1651	
#21		31 15.2N	25 25.4W			DAY	
11262	19/ 7	31 15.3N	25 22.1W	RMT1	680- 800	1812-1912	
#22		31 14.6N	25 19.0W	RMT8 CCE		DAY	FLOW DIST. 4.40 KM.
11262	19/ 7	31 11.2N	25 18.3W	RMT1	665- 800	2157-2257	
#23		31 9.7N	25 20.3W	RMT8 CCE		NIGHT	FLOW DIST. 3.77 KM.
11262	20/ 7	31 10.0N	25 19.4W	RMT1	585- 800	0146-0316	
#24		31 12.5N	25 16.4W	RMT8 CCE		NIGHT	FLOW DIST. 5.48 KM.
11262	20/ 7	31 15.3N	25 10.5W	RMT1M/1	5340-5375	1647-1847	51-90M ABOVE BOTTOM
#25		31 16.7N	25 5.7W	RMT8M/1 NBES		DAY	FLOW DIST. 7.10 KM.
11262	20/ 7	31 16.7N	25 5.7W	RMT1M/2	5375-5415	1847-2047	25-51M ABOVE BOTTOM
#26		31 18.0N	25 1.9W	RMT8M/2 NBES		DAY	FLOW DIST. 7.19 KM.
11262	20/ 7	31 18.0N	25 1.9W	RMT1M/3	5415-5430	2047-2247	10-25M ABOVE BOTTOM
#27		31 19.4N	24 58.8W	RMT8M/3 NBES		DUSK	FLOW DIST. 7.73 KM.
11262	21/ 7	31 28.4N	25 13.7W	BN1.5/O	5200-5400	1156-1310	
#28		31 29.3N	25 10.7W			DAY	LOG DIST. 1.10 KM.

STN.	DATE 1985	POSITION LAT	POSITION LONG	GEAR	DEPTH (M)	FISHING TIME GMT	REMARKS
11262	21/ 7	31 19.9N	24 53.9W	B.SNAP	5433-5433	2026-2216	
#29		31 19.9N	24 53.9W			DUSK	

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Table 4.1 Parameters for production-irradiance curves and associated information.
DCM = Chlorophyll maximum layer. Nominal filter size for GF/F is 0.4μm.

Run/Station No.	Depth (m)	Filter	Chlorophyll *a* retained (mg m^{-3})	P_s (1)	α (2)	β (2)	P_{max} (1)	I_m (Wm^{-2})	Absolute MgC at P_{max} (3)	Percentage Production of size fraction
11261#25	90 (DCM)	GF/F	0.34	11.208	0.174	0.108	3.812	61.82	1.296	<1μm 62%
		1μm Nuclepore	0.20	5.892	0.117	0.048	2.517	62.18	0.493	>1μm 38%
11261#42	∿95 (DCM)	GF/F	0.39	5.741	0.218	0.061	2.931	40.04	1.143	<1μm 70.2%
		1μm Nuclepore	0.19	2.915	0.129	0.022	1.793	43.53	0.341	>1μm 29.8%
11261#49	96 (DCM)	GF/F	0.30	4.052	0.456	0.036	3.055	23.24	0.917	n/a
	71 (above DCM)	GF/F	0.14	12.625	0.183	0.083	5.121	80.35	0.647	
11261#59	70 (above DCM)	GF/F	0.12	8.768	0.235	0.037	5.533	74.43	0.647	<1μm 43.4%
		1μm Nuclepore	0.06	12.017	0.239	0.068	6.093	75.79	0.366	>1μm 56.6%

(1) mgC mgChl a^{-1} hr^{-1}
(2) mgC mgChl a^{-1} hr^{-1} W^{-1} m^{-2}
(3) mgC hr^{-1} W^{-1} m^{-2}

Table 4.2 Estimated parameters of the irradiance-depth profile

Station	k_1 (m^{-1})	k_2 (m^{-1})	a_1	a_2	k_c (m^2[mg Chlor a]$^{-1}$)
11261#59	0.02499 $\pm$0.00006	0.0470 $\pm$0.0005	0.102 $\pm$0.001	0.898 $\pm$0.03	0.089 $\pm$0.014
11261#49	0.02705 $\pm$0.00005	0.058 $\pm$0.001	0.140 $\pm$0.002	0.860 $\pm$0.06	0.082 $\pm$0.008

Table 4.3 Total daily net primary production

Station	Depth of sample used for production estimates (m)	Daily production ($mg\ C\ m^{-2}\ day^{-1}$)
11261#25	90	190.2
11261#42	95	190.6
11261#49	71	233.3
11261#49	96	200.4
11261#59	70	321.9

Mean value = 227 $\pm$55

Table 5.1 Size of fraction of 0.32mm subsample that was sorted

DAY SAMPLES 0-1500m

Station	Depth (m)	Fraction	Number of copepods
11261#29	2-25	1/4	1219
11261#30	25-50	1/16	3723
11261#31	50-100	1/32	7026
11261#14	100-0	1/16	5448
11261#13	200-100	1/64	3695
11261#12	200-300	1/8	2682
11261#1	300-400	1/8	2756
11261#2	400-500	1/8	3508
11261#3	500-600	1/2	768
11261#32	400-500	1/8	2105
11261#33	500-600	1/16	1723
11261#4	600-700	1/4	3868
11261#5	700-800	1/4	2678
11261#6	800-900	1/4	2104
11261#15	900-1000	1/2	2039
11261#16	1000-1100	1/4	3326
11261#17	1100-1200	1/2	1717
11261#26	1200-1300	1/2	2176
11261#27	1300-1400	1/2	3677
11268#28	1400-1500	1/2	3427

NIGHT SAMPLES 0-1500m

Station	Depth (m)	Fraction	Number of copepods
11261#73	0-25	1/32	3338
11261#74	25-50	1/64	6854
11261#75	50-100	1/64	4452
11261#39	0-100	1/32	3562
11261#40	100-200	1/32	2802
11261#41	200-300	1/16	2028
11261#22	300-400	1/4	1700
11261#23	400-500	1/8	2160
11261#24	500-600	1/2	1395
11262#8	500-600	1/16	1563
11261#61	600-700	1/8	2709
11261#62	700-800	1/8	2627
11261#37	700-800	1/2	7714
11261#38	800-895	1/4	3643
11261#19	910-1000	1/2	1374
11261#20	1000-1100	1/2	4363
11261#21	1100-1200	1/2	1426
11261#66	1200-1300	1/2	2335
11261#67	1300-1400	1/2	2298
11261#68	1400-1500	1/2	2374

Table 6.1 Values of slope (A) and intercept (B) for pairs of planktonic biomass measurements using major axis regression. Different size groups and depths are shown. Dry weight can be calculated from volume as: $\log_{10} Y = A(\log_{10} X) + B$ where Y is dry weight and X is the volume.

Displacement volume/wet wt	Depth (m)	Slope (A)	Intercept (B)
0.32-1.0mm	0-1500	0.97 (±0.02)	0.02 (±0.13)
1.0 -4.5	0-1500	0.95 (±0.04)	0.02 (±0.14)
0.32-4.5	0-1500	0.96 (±0.02)	0.02 (±0.13)
0.32-4.5	1500-5440	0.97 (±0.02)	0.03 (±0.04)
0.32-4.5	0-5440	0.98 (±0.02)	0.02 (±0.12)
Displacement volume/dry wt			
0.32-1.0m	0-1500	0.85 (±0.03)	-0.75 (±0.14)
1.0 -4.5	0-1500	0.94 (±0.09)	-0.80 (±0.25)
0.32-4.5	0-1500 + 3900-5100	0.88 (±0.04)	-0.78 (±0.17)
Displacement vol/carbon			
0.32-4.5	0-1500 + 3900-5100	0.87 (±0.04)	-1.16 (±0.17)
Displacement vol/nitrogen			
0.32-4.5	0-1500 + 3900-5100	0.91 (±0.04)	-1.79 (±0.17)
Wet wt/Dry wt			
0.32-1.0mm	0-1500	0.89 (±0.03)	-0.77 (±0.13)
1.0 -4.5	0-1500	0.96 (±0.07)	-0.82 (±0.20)
0.32-4.5	0-1500 + 3900-5100	0.90 (±0.03)	-0.79 (±0.14)
Wet wt/carbon			
0.32-4.5	0-1500 + 3900-5100	0.89 (±0.03)	-1.17 (±0.15)
Wet wt/nitrogen			
0.32-4.5	0-1500 + 3900-5100	0.93 (±0.03)	-1.80 (±0.16)

Table 6.2

RMT1 hauls 0-1500m Day Series
0.32,1.0,0.32-4.5mm fractions

Biomass values/
1000cu m of water filtered

Station	Depth ranges(m)	Vol. (c.c.)	Wet wt. (g)	Dry wt. (g)	C(mg)	N(mg)	%C	%N	C:N
11261#29	0-25	1.19	1.21	0.18			41.70	9.49	4.39
		1.96	1.89	0.28			42.15	10.42	4.05
		3.15	3.16	0.41	165.28	42.20			
#30	25-50	6.26	6.02	0.73			42.52	9.56	4.45
		3.91	3.64	0.54			36.25	8.74	4.16
		10.17	9.97	1.13	457.75	122.48			
#31	50-100	11.96	11.27	1.26			46.43	9.96	4.66
		6.03	5.49	0.81			40.05	9.85	4.06
		17.99	17.42	1.87	666.27	205.29			
#14	0-100	7.24	6.93	0.82			37.19	8.14	4.57
		3.80	3.54	0.52			37.58	8.92	4.25
		11.04	10.80	1.22	489.88	131.66			
#13	100-200	14.30	13.43	1.47			44.82	10.04	4.46
		4.28	3.97	0.59			42.85	10.89	3.94
		18.58	18.00	1.93	774.46	212.20			
#12	200-300	3.28	3.22	0.42			41.03	9.04	4.54
		1.28	1.25	0.19			37.35	9.55	3.91
		4.56	4.54	0.56	226.95	58.86			
# 1	300-400	3.81	3.72	0.48			43.15	11.24	3.84
		1.36	1.34	0.20			45.53	10.91	4.17
		5.17	5.14	0.63	255.28	66.37			
# 2	400-500	3.91	3.82	0.49			47.74	10.25	4.66
		1.07	1.06	0.16			40.89	10.44	3.92
		4.98	4.95	0.61	248.47	64.38			
#33	500-600	3.30	3.24	0.43			47.34	10.84	4.36
		7.56	6.82	1.00			41.56	11.46	3.63
		10.86	10.63	1.21	487.61	130.54			
# 4	600-700	3.57	3.50	0.45			46.09	11.48	4.02
		2.93	2.77	0.41			42.70	11.41	3.74
		6.50	6.43	0.77	310.31	81.56			
# 5	700-800	1.72	1.72	0.24			43.92	9.42	4.66
		3.42	3.22	0.48			43.80	11.15	3.93
		5.14	5.12	0.63	254.53	66.15			
# 6	800-900	1.31	1.32	0.19			40.32	9.39	4.29
		2.86	2.71	0.40			42.53	10.59	4.02
		4.17	4.16	0.52	210.24	54.34			
#15	900-1000	0.90	0.92	0.14			45.75	10.44	4.38
		2.97	2.80	0.42			41.93	11.08	3.78
		3.87	3.87	0.49	197.90	50.92			
#16	1000-1100	1.63	1.64	0.23			32.72	7.35	4.45
		2.05	1.97	0.29			45.76	11.74	3.90
		3.68	3.68	0.47	190.10	48.76			
#17	1100-1200	0.73	0.75	0.12			36.52	7.80	4.68
		1.28	1.26	0.19			37.64	8.37	4.50
		2.01	2.04	0.27	111.51	27.99			
#26	1200-1300	1.09	1.11	0.17			38.89	8.56	4.54
		2.57	2.46	0.37			45.59	11.02	4.14
		3.66	3.67	0.47	191.16	48.87			
#27	1300-1400	0.86	0.88	0.14			41.87	8.25	5.08
		3.38	3.19	0.47			49.60	10.18	4.87
		4.24	4.24	0.53	217.73	55.94			
#28	1400-1500	1.06	1.07	0.16			36.87	7.36	5.01
		1.98	1.91	0.28			41.25	11.50	3.59
		3.04	3.05	0.39	160.42	40.88			

Table 6.3

RMT1 hauls 0-1500m Night Series
0.32,1.0,0.32-4.5mm fractions

Station	Depth ranges(m)	Biomass values/ 1000cu m of water filtered: Vol. (c.c.)	Wet wt. (g)	Dry wt. (g)	C(mg)	N(mg)	%C	%N	C:N
11261#73	0-25	14.02	13.16	1.44			38.89	8.77	4.43
		3.65	3.41	0.50			38.38	9.57	4.01
		17.67	17.12	1.84	738.39	202.15			
#74	25-50	29.18	26.85	2.72			38.27	10.47	3.66
		6.70	6.09	0.90			44.95	10.81	4.16
		35.88	34.33	3.47	1381.13	387.79			
#75	50-100	19.51	18.15	1.92			39.87	9.63	4.14
		14.33	12.51	1.83			40.15	11.17	3.59
		33.84	32.39	3.27	1304.12	366.04			
#39	0-100	12.63	11.90	1.32			42.23	9.93	4.25
		5.57	5.10	0.75			37.60	9.80	3.84
		18.20	17.63	1.89	759.16	207.94			
#40	100-200	6.85	6.58	0.79			43.78	10.66	4.11
		4.77	4.41	0.65			39.86	10.63	3.75
		11.62	11.37	1.28	516.34	138.72			
#41	200-300	3.79	3.70	0.47			41.13	9.43	4.36
		2.26	2.16	0.32			40.41	9.98	4.05
		6.05	5.99	0.72	290.29	76.14			
#22	300-400	2.25	2.23	0.31			43.28	9.65	4.49
		1.16	1.15	0.17			38.28	9.72	3.94
		3.41	3.42	0.44	177.79	45.47			
#23	400-500	2.82	2.79	0.37			43.47	9.03	4.81
		2.20	2.11	0.31			40.31	10.80	3.73
		5.02	4.99	0.61	249.28	64.71			
#24	500-600	0.30	0.31	0.05			47.05	8.73	5.39
		0.97	0.96	0.14			38.06	9.67	3.94
		1.27	1.29	0.18	74.47	18.33			
#61	600-700	2.48	2.46	0.33			40.10	8.88	4.52
		2.48	2.37	0.35			40.87	10.96	3.73
		4.96	4.93	0.61	246.31	63.94			
#62	700-800	2.24	2.22	0.31			44.67	10.28	4.35
		2.01	1.94	0.29			42.20	10.73	3.93
		4.25	4.24	0.53	215.08	55.19			
#37	700-800	2.86	2.83	0.38			45.85	9.91	4.63
		3.39	3.20	0.47			41.82	10.81	3.87
		6.25	6.20	0.75	305.47	79.67			
#38	800-895	1.94	1.94	0.27			46.26	10.51	4.40
		3.27	3.07	0.46			44.54	10.97	4.06
		5.21	5.18	0.63	257.19	66.89			
#19	910-1000	0.49	0.51	0.09			46.87	11.09	4.23
		3.46	3.26	0.48			42.05	11.09	3.79
		3.95	3.96	0.50	203.92	52.33			
#20	1000-1100	0.91	0.93	0.14			43.72	9.50	4.60
		2.95	2.78	0.41			43.62	10.80	4.04
		3.86	3.86	0.48	196.00	50.57			
#21	1100-1200	0.59	0.61	0.10			33.31	6.53	5.10
		0.89	0.89	0.13			48.08	11.71	4.11
		1.48	1.51	0.21	85.43	21.17			
#66	1200-1300	0.98	0.99	0.15			46.19	10.16	4.55
		2.03	1.95	0.29			43.33	11.28	3.84
		3.01	3.02	0.39	158.56	40.39			
#67	1300-1400	0.76	0.78	0.12			45.36	10.32	4.39
		2.58	2.45	0.36			43.05	10.08	4.27
		3.34	3.34	0.43	173.77	44.44			
#68	1400-1500	0.73	0.75	0.12			58.96	11.25	5.24
		0.88	0.88	0.13			34.11	7.61	4.48
		1.61	1.64	0.22	91.84	22.84			

Table 6.4

RMT1 hauls >1500m Deep Midwater Series
0.32-4.5mm fraction

Station	Depth ranges(m)	Biomass values/ 1000cu m of water filtered				
		Vol. (c.c.)	Wet wt. (g)	Dry wt. (g)	C(mg)	N(mg)
11262#01	1500-1910	1.60	1.60	0.20	82.79	21.16
# 2	1910-2315	1.01	1.02	0.14	56.14	14.09
# 3	2310-2700	0.75	0.76	0.10	42.97	10.67
# 4	2700-3110	0.18	0.19	0.03	12.68	2.97
# 5	3110-3500	0.19	0.20	0.03	12.63	3.00
# 6	3330-3910	0.31	0.32	0.05	19.72	4.75
#10	3900-4295	0.10	0.10	0.02	7.27	1.66
#11	4295-4720	0.12	0.13	0.02	8.78	2.02
#12	4720-5110	0.18	0.19	0.03	12.53	2.94
11261#48	5132-5233	0.16	0.17	0.03	11.38	2.66
#47	5233-5325	0.08	0.08	0.01	5.88	1.33
#46	5325-5427	0.22	0.23	0.04	14.89	3.52
11261#54	5388-5347(49-90mob)	0.12	0.12	0.02	8.49	1.95
#63	5345-5385(48-90mob)	0.06	0.06	0.01	4.57	1.02
11262#25	5340-5375(51-90mob)	0.15	0.16	0.03	10.73	2.49
11261#55	5388-5415(55-24mob)	0.18	0.19	0.03	12.63	2.95
#64	5385-5410(48-25mob)	0.11	0.11	0.02	7.79	1.79
11262#26	5375-5415(25-51mob)	0.14	0.15	0.02	10.09	2.33
11261#56	5415-5425(25-11mob)	0.04	0.04	0.01	3.21	0.70
#65	5410-5430(31-11mob)	0.04	0.04	0.01	3.26	0.72
11262#27	5415-5430(25-10mob)	0.24	0.25	0.04	15.86	3.76

Table 6.5

RMT1 hauls >1500m Deep Midwater Series
0.32-4.5mm fraction

Station	Depth ranges(m)	Biomass values/ 1000cu m of water filtered: Vol. (c.c.)	Wet wt. (g)	Dry wt. (g)	C(mg)	N(mg)	%C	%N	C:N
11261#69	3900-4300	0.15	0.16	0.27	11.33	2.58	40.10	8.88	4.52
#70	4300-4700	0.07	0.07	0.01	5.64	1.24	44.30	8.46	5.24
#71	4700-5100	0.34	0.35	0.06	23.99	5.57	37.43	8.42	4.45

Table 6.6

RMT8 hauls 0-1500m Day Series

Station	Depth ranges(m)	Biomass values/ 10000cu m of water filtered Including or excluding Pyrosoma: Volume(c.c.) Inc./Ex.	Wet weight(g) Inc./Ex.	Dry weight(g) Inc./Ex.
11261#29	2-25	3.15	3.15	0.40
#30	25-50	14.79	14.32	1.54
#31	50-100	13.59	13.22	1.45
#14	0-100	30.54	29.22	2.95
#13	100-200	67.85	63.76	5.88
#12	200-300	20.57	19.79	2.05
# 1	300-400	26.04	25.01	2.57
# 2	400-500	13.45	13.08	1.43
#33	500-600	95.96	89.64	8.03
# 4	600-700	35.81	34.11	3.37
# 5	700-800	12729.32/44.40	10782.85/42.11	592.07/4.07
# 6	800-900	424.73/81.65	385.70/76.64	29.99/7.03
#15	900-1000	53.52	50.60	4.81
#16	1000-1100	77.20	72.42	6.62
#17	1100-1200	34.75	33.18	3.31
#26	1200-1300	23.91	23.07	2.43
#27	1300-1400	39.36	37.52	3.72
#28	1400-1500	32.23	30.84	3.12

Table 6.7

RMT8 hauls 0-1500m Night Series

Station	Depth ranges(m)	Biomass values/ 10000cu m of water filtered Including or Excluding Pyrosoma: Volume(c.c.) Inc./Ex.	Wet weight(g) Inc./Ex.	Dry weight(g) Inc./Ex.
11261#73	0-25	175.17/86.85	161.42/81.16	13.51/7.28
#74	25-50	2924.23/35.31	2551.65/33.66	162.51/3.33
#75	50-100	3263.99/64.00	2847.68/60.41	181.22/5.70
#39	0-100	605.73/106.16	545.15/98.93	40.53/8.75
#40	100-200	2843.20/31.24	2481.00/29.84	158.02/2.98
#41	200-300	45.16	42.88	4.17
#22	300-400	55.28	52.30	4.99
#23	400-500	74.64	70.08	6.44
#24	500-600	186.58/18.24	172.32/17.65	14.58/1.88
#61	600-700	24.18	23.26	2.41
#62	700-800	23.38	22.46	2.31
#38	800-895	37.15	35.48	3.55
#19	910-1000	30.91	29.66	3.03
#20	1000-1100	34.79	33.11	3.25
#21	1100-1200	35.04	33.47	3.35
#66	1200-1300	16.08	15.57	1.67
#67	1300-1400	12.13	11.80	1.29
#68	1400-1520	24.09	23.17	2.40

Table 6.8

RMT8 hauls >1500m Deep Midwater Series

Station	Depth ranges(m)	Biomass values/ 10000cu m of water filtered: Volume(c.c.)	Wet weight(g)	Dry weight(g)
11262#01	1500-1910	21.89	20.73	1.99
# 2	1910-2315	10.27	9.87	1.02
# 3	2310-2700	6.68	6.50	0.71
# 4	2700-3110	5.98	5.82	0.64
# 5	3110-3500	2.96	2.90	0.33
# 6	3330-3910	4.38	4.29	0.48
#10	3900-4295	0.35	0.36	0.05
#11	4295-4720	0.81	0.82	0.11
#12	4720-5110	0.85	0.86	0.12
11261#48	5132-5233	0.84	0.86	0.12
#47	5233-5325	2.26	2.24	0.27
#46	5325-5427	1.51	1.51	0.19
11261#54	5388-5347(49-90mob)	0.34	0.35	0.05
#63	5345-5385(48-90mob)	0.80	0.81	0.11
11262#25	5340-5375(51-90mob)	0.81	0.82	0.11
11261#55	5388-5415(24-55mob)	3.28	3.24	0.38
#64	5385-5410(25-48mob)	4.25	4.15	0.47
11262#26	5375-5415(25-51mob)	1.30	1.31	0.17
11261#56	5415-5425(11-25mob)	1.77	1.77	0.22
#65	5410-5430(11-31mob)	6.26	6.11	0.68
11262#27	5415-5430(10-25mob)	5.15	5.03	0.57

Table 6.9 Accumulated percentages of biomass with depth. The depths are the midpoint depths of the hauls. % are calculated using either the 0-100m tows or the subdivided (SD) 0-100m tows; RMT1 data are given for different size groups between 0-1500m; RMT1 and RMT8 data are given for the total water column (TWC).

		RMT1			
0.32-1.00mm		DAY		NIGHT	
		100-0m	SD100	100-0m	SD100
	25%	80	50	40	15
	50%	240	130	160	40
	75%	570	480	600	120
	100%	1500	1500	1500	1500
1.0-4.5mm					
	25%	350	90	130	50
	50%	630	520	620	140
	75%	980	910	950	810
	100%	1500	1500	1500	1500
0.32-4.5mm					
	25%	120	65	60	28
	50%	490	275	390	60
	75%	790	685	810	375
	100%	1500	1500	1500	1500
0.32-4.5mm	25%	120	60	65	20
TWC	50%	480	320	385	60
	75%	790	755	800	450
	100%	5376	5376	5376	5376
		RMT8			
TWC	25%	675	675	60	85
	50%	700	700	100	115
	75%	715	715	140	140
	100%	5376	5376	5376	5376

Table 6.10 Linear regression coefficients for biomass (cc $1000m^{-3}$) as a function of depth. Log_{10} biomass = A(x) + B where x is the depth.

Depth (m)			Slope (A)		Intercept (B)	
0-1000	Plankton	Day	-0.00047	(±0.0002)	1.05	(±0.12)
		Night	-0.00056	(±0.0003)	0.99	(±0.17)
	Micronekton	Day	+0.00034	(±0.0003)	0.43	(±0.16)
		Night	-0.00045	(±0.0002)	0.81	(±0.13)
1000-5440	Plankton	Day	-0.00036	(±0.00004)	0.81	(±0.14)
		Night	-0.00033	(±0.00004)	0.70	(±0.13)
	Micronekton	Day	-0.00041	(±0.00005)	0.99	(±0.16)
		Night	-0.00036	(±0.00004)	0.77	(±0.15)

Table 6.11 Linear regression coefficients for biomass (cc $1000m^{-3}$) as a function of depth below 1000m in the N. Atlantic. Wishner's data are from 6 stations taken over a period of 6 years - 3 of her stations were close to GME; N70V has a mouth area of $70cm^2$, mesh 0.23mm.

Postition/Time	Group	Net	Slope	Intercept	Source
31°17'N 25°24'W	Plankton	RMT 1	-0.00036 (±0.00004)	0.805	Present data
GME June-July	Micronekton	RMT 8	-0.00041 (±0.00005)	0.991	" "
20°N 21°W April	Micronekton	RMT 8	-0.00038 (±0.00007)	2.150	Angel & Baker (1982)
42°N 17°W	Plankton	RMT 1	-0.00047 (±0.00004)	1.985	" " "
May	Micronekton	RMT 8	-0.00044 (±0.00004)	1.587	" " "
49°40'N 14°W	Plankton	RMT 1	-0.00076 (±0.00004)	2.150	" " "
April-May	Micronekton	RMT 8	-0.00053 (±0.00004)	1.606	" " "
30-62°N 02-23°W April-Oct.	Plankton	N70V	-0.00047 (±0.00008)	1.361	Wishner (1980a)

Table 6.12

RMT1 hauls for: Actiniaria 0-1500m Day Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
#29	2 - 25	1.49	-	1.49
#30	25 - 50	5.96	-	5.96
#31	50 - 100	-	-	-
#14	0 - 100	34.75	-	34.75
#13	100 - 200	-	-	-
#12	200 - 300	-	-	-
# 1	300 - 400	-	-	-
* # 2	400 - 500	-	-	-
* #32	400 - 500	-	-	-
* # 3	500 - 600	-	-	-
* #33	500 - 600	-	-	-
# 4	600 - 700	7.44	-	7.44
# 5	700 - 800	7.82	-	7.82
# 6	800 - 900	-	-	-
#15	900 -1000	1.51	-	1.51
#16	1000 -1100	4.67	-	4.67
#17	1100 -1200	-	-	-
#26	1200 -1300	-	-	-
#27	1300 -1400	-	-	-
#28	1400 -1500	-	-	-

* Indicates repeat hauls.

Table 6.13

RMT1 hauls for: Actiniaria 0-1500m Night Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
11261#73	0 - 25	-	-	-
#74	25 - 50	-	-	-
#75	50 - 100	-	-	-
#39	0 - 100	-	-	-
#40	100 - 200	12.32	2.31	14.63
#41	200 - 300	11.65	-	11.65
#22	300 - 400	-	-	-
#23	400 - 500	-	-	-
* #24	500 - 600	-	-	-
*11262#08	500 - 600	-	1.43	1.43
11261#61	600 - 700	6.20	-	6.20
* #37	700 - 800	4.34	-	4.34
* #62	700 - 800	9.26	-	9.26
#38	800 - 895	12.44	0.78	13.22
#19	910 -1000	-	-	-
#20	1000 -1110	-	-	-
#21	1100 -1200	-	-	-
#66	1200 -1300	0.75	-	0.75
#67	1300 -1400	-	-	-
#68	1400 -1520	-	-	-

Table 6.14

RMT1 hauls for: Actiniaria Deep Midwater Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-4.5
11262#01	1500 -1910	-
# 2	1910 -2315	0.18
# 3	2310 -2700	-
# 4	2700 -3110	-
# 5	3110 -3500	-
# 6	3330 -3910	-
#10	3900 -4295	-
#11	4295 -4720	-
#12	4720 -5110	-
11261#48	5132 -5233	-
#47	5233 -5325	-
#46	5325 -5427	-
11261#54	5388 -5347(49-90mob)	-
#55	5388 -5415(24-55mob)	-
#56	5415 -5425(11-25mob)	-
#63	5345 -5385(48-90mob)	-
#64	5385 -5410(25-48mob)	-
#65	5410 -5430(11-31mob)	-
11262#25	5340 -5375(51-90mob)	-
#26	5375 -5415(25-51mob)	-
#27	5415 -5430(10-25mob)	-

Table 6.15

RMT1 hauls for: Medusae. 0-1500m Day Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
#29	2 - 25	8.95	-	8.95
#30	25 - 50	77.49	-	77.49
#31	50 - 100	-	0.72	0.72
#14	0 - 100	11.58	0.72	12.31
#13	100 - 200	-	0.75	0.75
#12	200 - 300	-	-	-
# 1	300 - 400	9.32	-	9.32
* # 2	400 - 500	-	0.81	0.81
* #32	400 - 500	9.25	-	9.25
* # 3	500 - 600	0.73	-	0.73
* #33	500 - 600	6.28	-	6.28
# 4	600 - 700	4.47	-	4.47
# 5	700 - 800	-	-	-
# 6	800 - 900	1.45	-	1.45
#15	900 -1000	-	-	-
#16	1000 -1100	-	-	-
#17	1100 -1200	2.19	-	2.19
#26	1200 -1300	0.84	1.68	2.52
#27	1300 -1400	-	-	-
#28	1400 -1500	6.79	-	6.79

Table 6.16

RMT1 hauls for: Medusae. 0-1500m Night Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
11261#73	0 - 25	-	-	-
#74	25 - 50	201.90	1.58	203.47
#75	50 - 100	48.03	1.50	49.53
#39	0 - 100	-	0.74	0.74
#40	100 - 200	-	0.77	0.77
#41	200 - 300	5.83	-	5.83
#22	300 - 400	26.35	-	26.35
#23	400 - 500	21.96	-	21.96
* #24	500 - 600	-	-	-
*11262#08	500 - 600	5.73	2.86	8.60
11261#61	600 - 700	-	-	-
* #37	700 - 800	-	0.87	0.87
* #62	700 - 800	-	-	-
#38	800 - 895	6.22	-	6.22
#19	910 -1000	-	-	-
#20	1000 -1110	-	-	-
#21	1100 -1200	0.74	-	0.74
#66	1200 -1300	-	-	-
#67	1300 -1400	-	-	-
#68	1400 -1520	-	-	-

Table 6.17

RMT1 hauls for: Medusae. Deep Midwater Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-4.5
11262#01	1500 -1910	0.36
# 2	1910 -2315	0.55
# 3	2310 -2700	0.53
# 4	2700 -3110	0.55
# 5	3110 -3500	0.41
# 6	3330 -3910	0.16
#10	3900 -4295	-
#11	4295 -4720	-
#12	4720 -5110	-
11261#48	5132 -5233	-
#47	5233 -5325	-
#46	5325 -5427	-
11261#54	5388 -5347(49-90mob)	-
#55	5388 -5415(24-55mob)	-
#56	5415 -5425(11-25mob)	-
#63	5345 -5385(48-90mob)	-
#64	5385 -5410(25-48mob)	-
#65	5410 -5430(11-31mob)	-
11262#25	5340 -5375(51-90mob)	-
#26	5375 -5415(25-51mob)	-
#27	5415 -5430(10-25mob)	-

Table 6.18

RMT8 hauls for: Medusae 0-1500m Day and Night Series

Nos. per 10,000cu m of water filtered

Day			Night		
Station	Depth ranges(m)	Nos.	Station	Depth ranges(m)	Nos.
11261#29	2 - 25	0.00	11261#73	0 - 25	1.20
#30	25 - 50	0.00	#74	25 - 50	1.60
#31	50 - 100	0.00	#75	50 - 100	2.50
#14	0 - 100	5.40	#39	0 - 100	9.10
#13	100 - 200	0.30	#40	100 - 200	3.10
#12	200 - 300	9.00	#41	200 - 300	1.70
# 1	300 - 400	3.69	#22	300 - 400	3.50
* # 2	400 - 500	4.71	#23	400 - 500	2.20
* #32	400 - 500	11.80	#24	500 - 600	6.70
* # 3	500 - 600	7.85	*11262# 8	500 - 600	5.10
* #33	500 - 600	19.80	*11261#61	600 - 700	13.10
# 4	600 - 700	11.00	#62	700 - 800	7.50
# 5	700 - 800	1.30	#38	800 - 895	7.80
# 6	800 - 900	5.10	#19	910 -1000	1.20
#15	900 -1000	4.20	#20	1000 -1100	4.30
#16	1000 -1100	9.10	#21	1100 -1200	3.90
#17	1100 -1200	7.20	#66	1200 -1300	4.20
#26	1200 -1300	9.70	#67	1300 -1400	4.20
#27	1300 -1400	4.70	#68	1400 -1520	3.40
#28	1400 -1500	3.90			

Table 6.19

RMT8 hauls for: Medusae Deep Midwater Series

Nos. per 10,000cu m of water filtered

Station	Depth ranges(m)	
11262#01	1500 -1910	2.60
# 2	1910 -2315	5.90
# 3	2310 -2700	4.30
# 4	2700 -3110	1.90
# 5	3110 -3500	1.30
# 6	3330 -3910	1.00
#10	3900 -4295	0.30
#11	4295 -4720	0.20
#12	4720 -5110	0.30
11261#48	5132 -5233	0.20
#47	5233 -5325	0.00
#46	5325 -5427	0.00
11261#54	5388 -5347(49-90mob)	0.00
#55	5388 -5415(24-55mob)	0.20
#56	5415 -5425(11-25mob)	0.00
#63	5345 -5385(48-90mob)	0.20
#64	5385 -5410(25-48mob)	0.10
#65	5410 -5430(11-31mob)	0.70
11262#25	5340 -5375(51-90mob)	0.20
#26	5375 -5415(25-51mob)	0.00
#27	5415 -5430(10-25mob)	0.20

Table 6.20

RMT1 hauls for: SIPHONOPHORES 0-1500m Day Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
11261#29	2 - 25	979.57	136.43	1116.00
#30	25 - 50	3165.07	281.58	3446.65
#31	50 - 100	4139.73	125.37	4265.10
#14	0 - 100	3261.17	139.02	3400.19
#13	100 - 200	1204.36	267.22	1471.58
#12	200 - 300	956.27	27.71(0.73)	983.98
# 1	300 - 400	894.86	8.55(0.78)	903.41
* # 2	400 - 500	52.09	52.07	104.16
* #32	400 - 500	138.82	30.84(0.77)	169.66
* # 3	500 - 600	16.00	0.0	16.00
* #33	500 - 600	128.03	34.52(1.56)	162.55
# 4	600 - 700	89.33	5.21(2.97)	94.54
# 5	700 - 800	23.45	38.28(2.34)	61.73
# 6	800 - 900	45.08	34.89(1.45)	79.97
#15	900 -1000	30.14	5.27	35.41
#16	1000 -1100	43.57	14.79	58.36
#17	1100 -1200	30.73	41.69	72.42
#26	1200 -1300	75.58	101.62(0.84)	177.20
#27	1300 -1400	58.35	114.98	173.33
#28	1400 -1500	52.07	34.71(0.75)	86.78

Table 6.21

RMT1 hauls for: SIPHONOPHORES 0-1500m Night Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
11261#73	0 - 25	4568.75	120.48	4689.23
#74	25 - 50	4643.72	416.42	4060.14
#75	50 - 100	4754.79	683.67	5438.46
#39	0 - 100	3422.97	124.81	3547.78
#40	100 - 200	1675.01	291.74	1966.75
#41	200 - 300	652.63	14.57	667.20
#22	300 - 400	505.23	6.18(0.77)	511.41
#23	400 - 500	244.68	2.34	347.02
* #24	500 - 600	11.88	3.70(1.48)	15.58
*11262#08	500 - 600	7.17	5.18	12.35
11261#61	600 - 700	127.08	7.73(1.55)	134.81
* #37	700 - 800	39.99	13.88(0.87)	53.87
* #62	700 - 800	145.13	7.82(1.44)	152.95
#38	800 - 895	88..64	12.46(2.34)	101.10
#19	910 -1000	41.20	18.94(9.05)	60.14
#20	1000 -1110	36.58	21.80(2.11)	58.38
#21	1100 -1200	30.31	52.50(1.48)	82.81
#66	1200 -1300	92.35	69.83	162.18
#67	1300 -1400	55.29	44.68	99.97
#68	1400 -1520	43.89	23.40(1.46)	67.29

Table 6.22

RMT1 hauls for: SIPHONOPHORES Deep Midwater Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-4.5
11262#01	1500 -1910	4.00(0.18)
# 2	1910 -2315	4.77(0.36)
# 3	2310 -2700	10.69(1.07)
# 4	2700 -3110	0.91(0.18)
# 5	3110 -3500	3.97(0.14)
# 6	3330 -3910	5.63(0.32)
#10	3900 -4295	1.53(0.57)
#11	4295 -4720	1.80(0.99)
#12	4720 -5110	4.70(0.18)
11261#48	5132 -5233	5.77(0.90)
#47	5233 -5325	2.27(0.57)
#46	5325 -5427	0.36(0.73)
11261#54	5388 -5347(49-90mob)	1.33
#55	5388 -5415(24-55mob)	3.80(0.40)
#56	5415 -5425(11-25mob)	1.32(0.19)
#63	5345 -5385(48-90mob)	0.38(0.38)
#64	5385 -5410(25-48mob)	1.94(0.53)
#65	5410 -5430(11-31mob)	5.34(0.57)
11262#25	5340 -5375(51-90mob)	3.79(0.57)
#26	5375 -5415(25-51mob)	2.79(0.20)
#27	5415 -5430(10-25mob)	5.83(0.54)

Table 6.23

RMT8 hauls for: SIPHONOPHORES 0-1500m Day and Night Series

Nos. per 10,000cu m of water filtered

Day			Night		
Station	Depth ranges(m)	Nos.	Station	Depth ranges(m)	Nos.
11261#29	2 - 25	84.84	11261#73	0 - 25	631.46
#30	25 - 50	316.57	#74	25 - 50	238.17
#31	50 - 100	77.14	#75	50 - 100	226.51
#14	0 - 100	191.73	#39	0 - 100	382.43
#13	100 - 200	120.85	#40	100 - 200	21.22
#12	200 - 300	239.02	#41	200 - 300	65.65
# 1	300 - 400	136.46(0.69)	#22	300 - 400	104.70(1.38)
* # 2	400 - 500	28.24	#23	400 - 500	52.20(0.64)
* #32	400 - 500	161.14(1.36)	#24	500 - 600	56.44(3.15)
* # 3	500 - 600	47.79(0.68)	#61	600 - 700	26.98(4.17)
* #33	500 - 600	104.92(0.64)	#62	700 - 800	43.23(0.99)
# 4	600 - 700	36.75(2.18)	#38	800 - 895	26.71(1.85)
# 5	700 - 800	3.82	#19	910 -1000	24.76(3.88)
# 6	800 - 900	62.06(1.37)	#20	1000 -1100	18.85(0.58)
#15	900 -1000	33.77(1.93)	#21	1100 -1200	15.76(1.05)
#16	1000 -1100	15.77(1.28)	#66	1200 -1300	102.88(2.24)
#17	1100 -1200	23.71(3.44)	#67	1300 -1400	18.20(1.51)
#26	1200 -1300	100.02(1.60)	#68	1400 -1520	24.08(1.71)
#27	1300 -1400	26.49(1.08)			
#28	1400 -1500	17.93(1.79)			

Table 6.24

RMT8 hauls for: SIPHONOPHORES Deep Midwater Series

Nos. per 10,000cu m of water filtered

Station	Depth ranges(m)	
11262#01	1500 -1910	15.06(0.88)
# 2	1910 -2315	10.57
# 3	2310 -2700	9.54(0.33)
# 4	2700 -3110	4.95(1.95)
# 5	3110 -3500	1.10(0.44)
# 6	3330 -3910	4.37(0.59)
#10	3900 -4295	3.29(1.21)
#11	4295 -4720	0.16
#12	4720 -5110	0.85(0.85)
11261#48	5132 -5233	0.51(1.02)
#47	5233 -5325	0.45
#46	5325 -5427	1.51(1.35)
11261#54	5388 -5347(49-90mob)	0.34(0.17)
#55	5388 -5415(24-55mob)	0.32(0.48)
#56	5415 -5425(11-25mob)	0.0 (0.18)
#63	5345 -5385(48-90mob)	4.48(2.24)
#64	5385 -5410(25-48mob)	1.69(0.84)
#65	5410 -5430(11-31mob)	2.16(0.36)
11262#25	5340 -5375(51-90mob)	6.95(2.42)
#26	5375 -5415(25-51mob)	0.81(0.32)
#27	5415 -5430(10-25mob)	2.05(1.03)

Table 6.25

RMT1 hauls for: Chaetognatha. 0-1500m Day Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
#29	2 - 25	104.37	97.66	202.03
#30	25 - 50	447.04	54.39	501.43
#31	50 - 100	301.49	79.00	380.49
#14	0 - 100	237.49	82.54	320.03
#13	100 - 200	1132.10	122.69	1254.80
#12	200 - 300	810.50	170.55	981.05
# 1	300 - 400	605.90	244.69	850.58
* # 2	400 - 500	52.09	77.32	129.41
* #32	400 - 500	240.63	232.92	473.55
* # 3	500 - 600	9.46	2.18	11.64
* #33	500 - 600	62.77	140.46	203.23
# 4	600 - 700	89.33	60.30	149.63
# 5	700 - 800	60.97	57.84	118.81
# 6	800 - 900	47.99	45.81	93.79
#15	900 -1000	83.63	53.49	137.12
#16	1000 -1100	119.82	22.56	142.38
#17	1100 -1200	38.04	9.51	47.55
#26	1200 -1300	19.32	21.83	41.15
#27	1300 -1400	16.30	21.45	37.75
#28	1400 -1500	53.58	43.02	96.60

Table 6.26

RMT1 hauls for: Chaetognatha. 0-1500m Night Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
11261#73	0 - 25	934.78	44.55	979.33
#74	25 - 50	757.13	163.26	920.38
#75	50 - 100	1080.63	331.69	1412.33
#39	0 - 100	713.12	164.91	878.03
#40	100 - 200	665.08	411.05	1076.13
#41	200 - 300	827.45	150.05	977.49
#22	300 - 400	677.26	227.82	905.08
#23	400 - 500	483.08	389.76	872.84
* #24	500 - 600	18.56	8.17	26.73
*11262#08	500 - 600	171.91	100.28	272.19
11261#61	600 - 700	114.68	79.04	193.72
* #37	700 - 800	108.43	79.80	188.23
* #62	700 - 800	145.13	47.86	193.00
#38	800 - 895	141.51	65.31	206.82
#19	910 -1000	35.43	119.48	154.91
#20	1000 -1110	71.05	69.65	140.70
#21	1100 -1200	22.92	11.83	34.75
#66	1200 -1300	21.77	20.27	42.04
#67	1300 -1400	9.09	30.29	39.38
#68	1400 -1520	16.83	4.39	21.21

Table 6.27

RMT1 hauls for: Chaetognatha. Deep Midwater Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-4.5
11262#01	1500 -1910	21.32
# 2	1910 -2315	12.15
# 3	2310 -2700	15.50
# 4	2700 -3110	4.77
# 5	3110 -3500	4.91
# 6	3330 -3910	10.60
#10	3900 -4295	2.50
#11	4295 -4720	3.17
#12	4720 -5110	2.72
11261#48	5132 -5233	5.41
#47	5233 -5325	5.09
#46	5325 -5427	1.29
11261#54	5388 -5347(49-90mob)	1.34
#55	5388 -5415(24-55mob)	2.20
#56	5415 -5425(11-25mob)	1.50
#63	5345 -5385(48-90mob)	2.45
#64	5385 -5410(25-48mob)	4.04
#65	5410 -5430(11-31mob)	0.95
11262#25	5340 -5375(51-90mob)	2.64
#26	5375 -5415(25-51mob)	1.79
#27	5415 -5430(10-25mob)	2.74

Table 6.28

RMT8 hauls for: Chaetognatha 0-1500m Day and Night Series

Total Nos. per 10,000cu m of water filtered

Day			Night		
Station	Depth ranges(m)	Nos.	Station	Depth ranges(m)	Nos.
11261#29	2 - 25	12.62	11261#73	0 - 25	170.59
#30	25 - 50	54.14	#74	25 - 50	26.92
#31	50 - 100	273.47	#75	50 - 100	267.62
#14	0 - 100	174.58	#39	0 - 100	435.00
#13	100 - 200	295.76	#40	100 - 200	20.31
#12	200 - 300	377.84	#41	200 - 300	14.04
# 1	300 - 400	337.50	#22	300 - 400	240.12
* # 2	400 - 500	67.34	#23	400 - 500	114.74
* #32	400 - 500	460.27	#24	500 - 600	115.44
* # 3	500 - 600	47.60	#61	600 - 700	204.84
* #33	500 - 600	129.30	#62	700 - 800	42.06
# 4	600 - 700	150.31	#38	800 - 895	113.38
# 5	700 - 800	5.71	#19	910 -1000	170.66
# 6	800 - 900	51.20	#20	1000 -1100	24.93
#15	900 -1000	110.39	#21	1100 -1200	25.96
#16	1000 -1100	48.58	#66	1200 -1300	49.84
#17	1100 -1200	43.99	#67	1300 -1400	26.97
#26	1200 -1300	61.75	#68	1400 -1520	18.56
#27	1300 -1400	31.90			
#28	1400 -1500	5.73			

Table 6.29

RMT8 hauls for: Chaetognatha Deep Midwater Series

Total Nos. per 10,000cu m of water filtered

Station	Depth ranges(m)	
11262#01	1500 -1910	1.61
# 2	1910 -2315	0.88
# 3	2310 -2700	3.84
# 4	2700 -3110	2.99
# 5	3110 -3500	-
# 6	3330 -3910	1.02
#10	3900 -4295	1.04
#11	4295 -4720	-
#12	4720 -5110	0.51
11261#48	5132 -5233	0.34
#47	5233 -5325	0.15
#46	5325 -5427	0.75
11261#54	5388 -5347(49-90mob)	0.17
#55	5388 -5415(24-55mob)	0.16
#56	5415 -5425(11-25mob)	-
#63	5345 -5385(48-90mob)	1.44
#64	5385 -5410(25-48mob)	0.14
#65	5410 -5430(11-31mob)	0.72
11262#25	5340 -5375(51-90mob)	1.30
#26	5375 -5415(25-51mob)	0.16
#27	5415 -5430(10-25mob)	0.69

Table 6.30

RMT1 hauls for: Polychaeta. 0-1500m Day Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
#29	2 - 25	8.95	0.75	9.69
#30	25 - 50	29.80	1.49	31.29
#31	50 - 100	92.77	4.35	97.11
#14	0 - 100	-	0.72	0.72
#13	100 - 200	-	0.75	0.75
#12	200 - 300	46.65	2.92	49.56
# 1	300 - 400	108.75	6.21	114.96
* # 2	400 - 500	91.15	9.77	100.91
* #32	400 - 500	43.19	15.42	58.61
* # 3	500 - 600	2.91	-	2.91
* #33	500 - 600	18.83	8.63	27.46
# 4	600 - 700	19.35	1.49	20.84
# 5	700 - 800	17.20	0.78	17.98
# 6	800 - 900	1.45	2.18	3.64
#15	900 -1000	2.26	-	2.26
#16	1000 -1100	14.00	-	14.00
#17	1100 -1200	2.93	-	2.93
#26	1200 -1300	1.68	-	1.68
#27	1300 -1400	3.43	-	3.43
#28	1400 -1500	6.79	-	6.79

Table 6.31

RMT1 hauls for: Polychaeta. 0-1500m Night Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
11261#73	0 - 25	163.58	0.73	164.31
#74	25 - 50	151.42	0.79	152.21
#75	50 - 100	144.08	3.75	147.83
#39	0 - 100	23.77	2.23	26.00
#40	100 - 200	184.74	10.78	195.51
#41	200 - 300	215.60	2.91	218.51
#22	300 - 400	32.55	5.42	37.97
#23	400 - 500	62.74	2.35	65.09
* #24	500 - 600	2.23	-	2.23
*11262#08	500 - 600	22.92	5.73	28.65
11261#61	600 - 700	9.30	0.77	10.07
* #37	700 - 800	19.08	1.73	20.82
* #62	700 - 800	27.79	1.54	29.33
#38	800 - 895	31.10	1.56	32.66
#19	910 -1000	2.47	-	2.47
#20	1000 -1110	7.04	0.70	7.74
#21	1100 -1200	-	-	-
#66	1200 -1300	-	-	-
#67	1300 -1400	1.51	0.76	2.27
#68	1400 -1520	2.19	-	2.19

Table 6.32

RMT1 hauls for: Polychaeta. Deep Midwater Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-4.5
11262#01	1500 -1910	2.92
# 2	1910 -2315	1.66
# 3	2310 -2700	2.32
# 4	2700 -3110	0.18
# 5	3110 -3500	-
# 6	3330 -3910	1.56
#10	3900 -4295	-
#11	4295 -4720	0.79
#12	4720 -5110	1.09
11261#48	5132 -5233	0.54
#47	5233 -5325	-
#46	5325 -5427	0.92
11261#54	5388 -5347(49-90mob)	0.96
#55	5388 -5415(24-55mob)	3.00
#56	5415 -5425(11-25mob)	0.19
#63	5345 -5385(48-90mob)	-
#64	5385 -5410(25-48mob)	1.23
#65	5410 -5430(11-31mob)	0.57
11262#25	5340 -5375(51-90mob)	0.57
#26	5375 -5415(25-51mob)	3.38
#27	5415 -5430(10-25mob)	2.01

Table 6.33

RMT1 hauls for: Total Pteropoda 0-1500m Day Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
11261#29	2 - 25	2.98	3.73	6.71
#30	25 - 50	35.76	7.45	43.21
#31	50 - 100	150.75	0.72	151.47
#14	0 - 100	75.30	1.45	76.75
#13	100 - 200	457.66	0.75	458.41
#12	200 - 300	5.83	1.46	7.29
# 1	300 - 400	59.04	1.55	60.59
* # 2	400 - 500	35.81	6.51	42.32
* #32	400 - 500	3.08	-	3.08
* # 3	500 - 600	0.73	-	0.73
* #33	500 - 600	6.28	-	6.28
# 4	600 - 700	2.98	2.23	5.21
# 5	700 - 800	1.56	1.56	3.12
# 6	800 - 900	2.91	2.18	5.09
#15	900 -1000	-	0.75	0.75
#16	1000 -1100	4.67	1.56	6.23
#17	1100 -1200	2.93	-	2.93
#26	1200 -1300	-	-	-
#27	1300 -1400	-	0.86	0.86
#28	1400 -1500	-	-	-

Table 6.34

RMT1 hauls for: Pteropoda. 0-1500m Night Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
11261#73	0 - 25	7267.95	32.86	7300.81
#74	25 - 50	12038.32	100.16	12138.49
#75	50 - 100	7156.20	85.55	7241.75
#39	0 - 100	4516.42	49.77	4566.19
#40	100 - 200	3152.95	15.40	3168.48
#41	200 - 300	2091.92	44.43	2136.35
#22	300 - 400	826.04	24.02	850.06
#23	400 - 500	1261.03	9.30	1270.44
* #24	500 - 600	88.34	10.39	98.74
*11262#08	500 - 600	584.49	20.06	604.54
11261#61	600 - 700	644.71	9.30	654.01
* #37	700 - 800	374.72	5.20	379.93
* #62	700 - 800	494.07	5.40	499.48
#38	800 - 895	343.66	7.00	350.66
#19	910 -1000	48.62	26.37	74.98
#20	1000 -1110	398.89	10.55	409.44
#21	1100 -1200	68.76	8.87	77.63
#66	1200 -1300	120.13	9.76	129.89
#67	1300 -1400	73.46	3.79	77.63
#68	1400 -1520	79.74	5.12	84.86

Table 6.35

RMT1 hauls for: Pteropoda. Deep Midwater Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-4.5
11262#01	1500 -1910	-
# 2	1910 -2315	0.37
# 3	2310 -2700	0.36
# 4	2700 -3110	-
# 5	3110 -3500	-
# 6	3330 -3910	-
#10	3900 -4295	-
#11	4295 -4720	0.20
#12	4720 -5110	0.18
11261#48	5132 -5233	-
#47	5233 -5325	-
#46	5325 -5427	1.29
11261#54	5388 -5347(49-90mob)	0.19
#55	5388 -5415(24-55mob)	-
#56	5415 -5425(11-25mob)	-
#63	5345 -5385(48-90mob)	0.19
#64	5385 -5410(25-48mob)	-
#65	5410 -5430(11-31mob)	-
11262#25	5340 -5375(51-90mob)	0.19
#26	5375 -5415(25-51mob)	-
#27	5415 -5430(10-25mob)	0.18

Table 6.36

RMT1 hauls for: Heteropoda. 0-1500m Day Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
#29	2 - 25	11.93	5.22	17.15
#30	25 - 50	429.16	7.45	436.61
#31	50 - 100	162.34	15.22	177.56
#14	0 - 100	133.22	2.17	135.39
#13	100 - 200	24.09	12.04	36.13
#12	200 - 300	-	-	-
# 1	300 - 400	3.11	-	3.11
* # 2	400 - 500	-	-	-
* #32	400 - 500	-	-	-
* # 3	500 - 600	0.73	-	0.73
* #33	500 - 600	-	-	-
# 4	600 - 700	-	-	-
# 5	700 - 800	-	-	-
# 6	800 - 900	-	-	-
#15	900 -1000	-	-	-
#16	1000 -1100	1.56	-	1.56
#17	1100 -1200	-	-	-
#26	1200 -1300	-	-	-
#27	1300 -1400	-	-	-
#28	1400 -1500	-	-	-

Table 6.37

RMT1 hauls for: Heteropoda. 0-1500m Night Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
11261#73	0 - 25	70.11	9.49	79.60
#74	25 - 50	50.48	12.62	63.09
#75	50 - 100	24.01	2.25	26.26
#39	0 - 100	-	2.23	2.23
#40	100 - 200	12.32	0.77	13.09
#41	200 - 300	-	0.73	0.73
#22	300 - 400	-	-	-
#23	400 - 500	-	-	-
* #24	500 - 600	-	0.74	0.74
*11262#08	500 - 600	-	-	-
11261#61	600 - 700	-	-	-
* #37	700 - 800	-	-	-
* #62	700 - 800	-	-	-
#38	800 - 895	-	-	-
#19	910 -1000	-	4.94	4.94
#20	1000 -1110	-	-	-
#21	1100 -1200	0.74	-	0.74
#66	1200 -1300	-	-	-
#67	1300 -1400	-	-	-
#68	1400 -1520	-	-	-

Table 6.38

RMT1 hauls for: Heteropoda. Deep Midwater Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-4.5
11262#01	1500 -1910	-
# 2	1910 -2315	-
# 3	2310 -2700	-
# 4	2700 -3110	-
# 5	3110 -3500	-
# 6	3330 -3910	-
#10	3900 -4295	-
#11	4295 -4720	-
#12	4720 -5110	-
11261#48	5132 -5233	-
#47	5233 -5325	-
#46	5325 -5427	0.18
11261#54	5388 -5347(49-90mob)	-
#55	5388 -5415(24-55mob)	-
#56	5415 -5425(11-25mob)	-
#63	5345 -5385(48-90mob)	-
#64	5385 -5410(25-48mob)	-
#65	5410 -5430(11-31mob)	-
11262#25	5340 -5375(51-90mob)	-
#26	5375 -5415(25-51mob)	-
#27	5415 -5430(10-25mob)	-

Table 6.39

RMT1 hauls for: Cladocera. 0-1500m Day Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
#29	2 - 25	23.86	2.98	26.84
#30	25 - 50	17.88	-	17.88
#31	50 - 100	-	-	-
#14	0 - 100	208.52	0.72	209.25
#13	100 - 200	120.43	3.01	123.44
#12	200 - 300	-	-	-
# 1	300 - 400	3.11	-	3.11
* # 2	400 - 500	-	-	-
* #32	400 - 500	-	-	-
* # 3	500 - 600	-	-	-
* #33	500 - 600	18.83	0.78	19.62
# 4	600 - 700	-	-	-
# 5	700 - 800	1.56	-	1.56
# 6	800 - 900	-	-	-
#15	900 -1000	-	-	-
#16	1000 -1100	1.56	-	1.56
#17	1100 -1200	-	-	-
#26	1200 -1300	-	-	-
#27	1300 -1400	-	-	-
#28	1400 -1500	-	-	-

Table 6.40

RMT1 hauls for: Cladocera. 0-1500m Night Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
11261#73	0 - 25	6777.19	74.49	6851.68
#74	25 - 50	7798.41	62.31	7860.72
#75	50 - 100	72.04	4.50	76.54
#39	0 - 100	1224.19	20.06	1244.24
#40	100 - 200	12.32	-	12.32
#41	200 - 300	-	-	-
#22	300 - 400	-	-	-
#23	400 - 500	-	-	-
* #24	500 - 600	-	-	-
*11262#08	500 - 600	5.73	0.72	6.45
11261#61	600 - 700	-	-	-
* #37	700 - 800	0.87	0.87	1.74
* #62	700 - 800	-	-	-
#38	800 - 895	7.78	-	7.78
#19	910 -1000	-	5.77	5.77
#20	1000 -1110	-	-	-
#21	1100 -1200	-	-	-
#66	1200 -1300	-	-	-
#67	1300 -1400	0.76	-	0.76
#68	1400 -1520	1.46	4.39	5.85

Table 6.41

RMT1 hauls for: Cladocera. Deep Midwater Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-4.5
11262#01	1500 -1910	0.36
# 2	1910 -2315	0.18
# 3	2310 -2700	-
# 4	2700 -3110	0.55
# 5	3110 -3500	-
# 6	3330 -3910	0.16
#10	3900 -4295	0.58
#11	4295 -4720	-
#12	4720 -5110	0.36
11261#48	5132 -5233	1.98
#47	5233 -5325	0.19
#46	5325 -5427	-
11261#54	5388 -5347(49-90mob)	0.38
#55	5388 -5415(24-55mob)	1.40
#56	5415 -5425(11-25mob)	0.75
#63	5345 -5385(48-90mob)	-
#64	5385 -5410(25-48mob)	-
#65	5410 -5430(11-31mob)	-
11262#25	5340 -5375(51-90mob)	0.38
#26	5375 -5415(25-51mob)	0.80
#27	5415 -5430(10-25mob)	0.18

Table 6.42

RMT1 hauls for: Ostracoda. 0-1500m Day Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
#29	2 - 25	8.95	-	8.95
#30	25 - 50	345.71	8.94	354.65
#31	50 - 100	2968.55	38.41	3006.96
#14	0 - 100	851.50	13.03	864.53
#13	100 - 200	4432.07	42.91	4474.97
#12	200 - 300	1157.43	30.61	1188.05
# 1	300 - 400	2199.87	16.31	2216.18
* # 2	400 - 500	804.10	23.60	827.70
* #32	400 - 500	570.72	7.71	578.44
* # 3	500 - 600	44.37	4.36	48.74
* #33	500 - 600	847.46	18.83	866.29
# 4	600 - 700	370.72	9.68	380.39
# 5	700 - 800	228.24	13.29	241.53
# 6	800 - 900	212.31	70.53	282.84
#15	900 -1000	93.42	0.75	94.18
#16	1000 -1100	248.97	9.34	258.31
#17	1100 -1200	61.45	2.19	63.65
#26	1200 -1300	94.06	5.04	99.10
#27	1300 -1400	139.86	5.15	145.01
#28	1400 -1500	104.15	6.79	110.94

Table 6.43

RMT1 hauls for: Ostracoda. 0-1500m Night Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
11261#73	0 - 25	7267.95	32.86	7300.81
#74	25 - 50	12038.32	100.16	12138.49
#75	50 - 100	7156.20	85.55	7241.75
#39	0 - 100	4516.42	49.77	4566.19
#40	100 - 200	3152.95	15.40	3168.48
#41	200 - 300	2091.92	44.43	2136.35
#22	300 - 400	826.04	24.02	850.06
#23	400 - 500	1261.03	9.41	1270.44
* #24	500 - 600	88.34	10.39	98.74
*11262#08	500 - 600	584.49	20.06	604.54
11261#61	600 - 700	644.71	9.30	654.01
* #37	700 - 800	374.72	5.20	379.93
* #62	700 - 800	494.07	5.40	499.48
#38	800 - 895	343.66	7.00	350.66
#19	910 -1000	48.62	26.37	74.98
#20	1000 -1110	398.89	10.55	409.44
#21	1100 -1200	68.76	8.87	77.63
#66	1200 -1300	120.13	9.76	129.89
#67	1300 -1400	73.46	3.79	77.25
#68	1400 -1520	79.74	5.12	84.86

Table 6.44

RMT1 hauls for: Ostracoda. Deep Midwater Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-4.5
11262#01	1500 -1910	28.97
# 2	1910 -2315	20.62
# 3	2310 -2700	63.26
# 4	2700 -3110	5.68
# 5	3110 -3500	14.31
# 6	3330 -3910	19.96
#10	3900 -4295	12.29
#11	4295 -4720	15.05
#12	4720 -5110	18.84
11261#48	5132 -5233	17.67
#47	5233 -5325	5.09
#46	5325 -5427	21.49
11261#54	5388 -5347(49-90mob)	16.26
#55	5388 -5415(24-55mob)	19.22
#56	5415 -5425(11-25mob)	4.89
#63	5345 -5385(48-90mob)	2.45
#64	5385 -5410(25-48mob)	12.30
#65	5410 -5430(11-31mob)	4.20
11262#25	5340 -5375(51-90mob)	15.63
#26	5375 -5415(25-51mob)	17.51
#27	5415 -5430(10-25mob)	17.70

Table 6.45

RMT1 hauls for: Copepoda. 0-1500m Day Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
#29	2 - 25	1817.50	14.91	1832.41
#30	25 - 50	22191.26	194.46	22385.72
#31	50 - 100	81472.67	274.68	81747.35
#14	0 - 100	31557.45	86.16	31643.61
#13	100 - 200	89002.63	56.45	89059.08
#12	200 - 300	7819.24	8.75	7827.99
# 1	300 - 400	8563.33	10.10	8573.43
* # 2	400 - 500	11420.20	123.71	11543.90
* #32	400 - 500	6493.91	63.24	6557.15
* # 3	500 - 600	558.69	28.37	587.06
* #33	500 - 600	10816.07	550.85	11366.91
# 4	600 - 700	5758.74	279.90	6038.63
# 5	700 - 800	4186.50	522.92	4709.42
# 6	800 - 900	3059.58	317.01	3376.60
#15	900 -1000	1536.20	143.90	1680.10
#16	1000 -1100	5175.44	112.81	5288.26
#17	1100 -1200	1256.08	63.65	1319.73
#26	1200 -1300	1827.42	105.82	1933.24
#27	1300 -1400	3155.00	200.78	3355.79
#28	1400 -1500	2586.32	160.75	2747.07

Table 6.46

RMT1 hauls for: Copepoda. 0-1500m Night Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
11261#73	0 - 25	39003.87	301.61	39305.48
#74	25 - 50	172978.42	859.66	173838.08
#75	50 - 100	106910.81	1511.39	108422.19
#39	0 - 100	42335.46	725.75	43061.21
#40	100 - 200	34510.04	1103.84	35613.89
#41	200 - 300	11817.32	119.46	11936.78
#22	300 - 400	2634.64	17.05	2651.69
#23	400 - 500	6775.67	69.80	6845.47
* #24	500 - 600	1035.63	27.47	1063.10
*11262#08	500 - 600	8956.38	599.53	9555.91
11261#61	600 - 700	8396.75	333.98	8730.72
* #37	700 - 800	6691.24	271.50	6962.74
* #62	700 - 800	8112.09	388.31	8500.41
#38	800 - 895	5664.97	315.67	5980.64
#19	910 -1000	1132.17	257.91	1390.08
#20	1000 -1110	3069.40	256.08	3325.48
#21	1100 -1200	1054.27	136.77	1191.04
#66	1200 -1300	1753.20	239.52	1992.72
#67	1300 -1400	1740.38	146.93	1887.31
#68	1400 -1520	1736.71	288.23	2024.95

Table 6.47

RMT1 hauls for: Copepoda. Deep Midwater Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-4.5
11262#01	1500 -1910	1262.57
# 2	1910 -2315	1704.14
# 3	2310 -2700	1844.54
# 4	2700 -3110	258.60
# 5	3110 -3500	243.76
# 6	3330 -3910	484.70
#10	3900 -4295	232.00
#11	4295 -4720	288.10
#12	4720 -5110	409.23
11261#48	5132 -5233	400.32
#47	5233 -5325	124.68
#46	5325 -5427	403.56
11261#54	5388 -5347(49-90mob)	309.10
#55	5388 -5415(24-55mob)	512.41
#56	5415 -5425(11-25mob)	114.11
#63	5345 -5385(48-90mob)	65.93
#64	5385 -5410(25-48mob)	271.09
#65	5410 -5430(11-31mob)	133.78
11262#25	5340 -5375(51-90mob)	226.97
#26	5375 -5415(25-51mob)	437.78
#27	5415 -5430(10-25mob)	630.09

Table 6.48

RMT1 hauls for: Mysidacea. 0-1500m Day Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
#29	2 - 25	1.49	-	1.49
#30	25 - 50	17.88	-	17.88
#31	50 - 100	-	0.72	0.72
#14	0 - 100	-	0.72	0.72
#13	100 - 200	-	-	-
#12	200 - 300	5.83	-	5.83
# 1	300 - 400	-	-	-
* # 2	400 - 500	-	-	-
* #32	400 - 500	-	-	-
* # 3	500 - 600	-	-	-
* #33	500 - 600	-	-	-
# 4	600 - 700	-	-	-
# 5	700 - 800	-	1.56	1.56
# 6	800 - 900	-	0.73	0.73
#15	900 -1000	-	0.75	0.75
#16	1000 -1100	-	0.78	0.78
#17	1100 -1200	-	-	-
#26	1200 -1300	0.84	5.88	6.72
#27	1300 -1400	-	-	-
#28	1400 -1500	-	3.77	3.77

Table 6.49

RMT1 hauls for: Mysidacea. 0-1500m Night Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
11261#73	0 - 25	-	0.73	0.73
#74	25 - 50	-	-	-
#75	50 - 100	-	-	-
#39	0 - 100	-	0.74	0.74
#40	100 - 200	-	-	-
#41	200 - 300	-	-	-
#22	300 - 400	-	-	-
#23	400 - 500	-	-	-
* #24	500 - 600	-	-	-
*11262#08	500 - 600	-	-	-
11261#61	600 - 700	-	-	-
* #37	700 - 800	-	-	-
* #62	700 - 800	-	-	-
#38	800 - 895	-	-	-
#19	910 -1000	-	-	-
#20	1000 -1110	-	0.70	0.70
#21	1100 -1200	-	0.74	0.74
[illegible]6	1200 -1300	0.75	2.25	3.00
#67	1300 -1400	-	-	-
#68	1400 -1520	-	-	-

Table 6.50

RMT1 hauls for: Mysidacea. Deep Midwater Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-4.5
11262#01	1500 -1910	-
# 2	1910 -2315	-
# 3	2310 -2700	-
# 4	2700 -3110	-
# 5	3110 -3500	-
# 6	3330 -3910	0.16
#10	3900 -4295	-
#11	4295 -4720	-
#12	4720 -5110	-
11261#48	5132 -5233	-
#47	5233 -5325	-
#46	5325 -5427	-
11261#54	5388 -5347(49-90mob)	-
#55	5388 -5415(24-55mob)	-
#56	5415 -5425(11-25mob)	-
#63	5345 -5385(48-90mob)	-
#64	5385 -5410(25-48mob)	-
#65	5410 -5430(11-31mob)	-
11262#25	5340 -5375(51-90mob)	0.38
#26	5375 -5415(25-51mob)	0.20
#27	5415 -5430(10-25mob)	-

Table 6.51

RMT8 hauls for: Mysidacea 0-1500m Day and Night Series

Nos. per 10,000cu m of water filtered

Day			Night		
Station	Depth ranges(m)	Nos.	Station	Depth ranges(m)	Nos.
11261#29	2 - 25	-	11261#73	0 - 25	-
#30	25 - 50	-	#74	25 - 50	-
#31	50 - 100	-	#75	50 - 100	-
#14	0 - 100	-	#39	0 - 100	-
#13	100 - 200	-	#40	100 - 200	-
#12	200 - 300	-	#41	200 - 300	-
# 1	300 - 400	-	#22	300 - 400	0.35
* # 2	400 - 500	-	#23	400 - 500	-
* #32	400 - 500	-	#24	500 - 600	-
* # 3	500 - 600	-	#61	600 - 700	0.70
* #33	500 - 600	0.32	#62	700 - 800	1.87
# 4	600 - 700	0.31	#38	800 - 895	6.69
# 5	700 - 800	0.0	#19	910 -1000	20.10
# 6	800 - 900	5.14	#20	1000 -1100	15.37
#15	900 -1000	16.21	#21	1100 -1200	6.30
#16	1000 -1100	21.75	#66	1200 -1300	3.21
#17	1100 -1200	4.81	#67	1300 -1400	2.12
#26	1200 -1300	5.98	#68	1400 -1520	1.38
#27	1300 -1400	2.16			
#28	1400 -1500	2.51			

Table 6.52

RMT8 hauls for: Mysidacea Deep Midwater Series

Nos. per 10,000cu m of water filtered

Station	Depth ranges(m)	
11262#01	1500 -1910	0.44
# 2	1910 -2315	0.44
# 3	2310 -2700	0.17 (0.17)
# 4	2700 -3110	0.30
# 5	3110 -3500	0.33
# 6	3330 -3910	0.15
#10	3900 -4295	-
#11	4295 -4720	0.0 (0.16)
#12	4720 -5110	-
11261#48	5132 -5233	-
#47	5233 -5325	-
#46	5325 -5427	-
11261#54	5388 -5347(49-90mob)	-
#55	5388 -5415(24-55mob)	-
#56	5415 -5425(11-25mob)	0.36
#63	5345 -5385(48-90mob)	-
#64	5385 -5410(25-48mob)	-
#65	5410 -5430(11-31mob)	0.18
11262#25	5340 -5375(51-90mob)	0.16 (0.32)
#26	5375 -5415(25-51mob)	0.16
#27	5415 -5430(10-25mob)	0.17 (0.17)

Table 6.53 Numbers of Isopoda taken in RMT1 hauls, nos/1000m³, size groups combined.

0-1500m			Deep Series		
Station	Depth (m)	No.	Station	Depth (m)	No.
	DAY		11262#1	1500-1910	0.18
11261#4	600-700	1.49	#2	1910-2315	0.37
#5	700-800	1.56	#3	2310-2700	1.07
#26	1200-1300	0.84	#4	2700-3110	0.18
#28	1400-1500	0.75	#5	3110-3500	0.68
	NIGHT		#6	3330-3910	0.31
#37	700-800	1.73	#10	3900-4295	1.54
#62	700-800	3.09	#11	4295-4720	1.58
#38	800-895	1.56	#12	4720-5110	0.36
#21	1100-1200	0.74	11261#46	5325-5427	1.47
#66	1200-1300	0.75	#54	5388-5347	0.77
#67	1300-1400	0.76	#55	5388-5415	0.60
#68	1400-1500	5.12	#63	5345-5385	0.19
			#64	5385-5410	0.70
			#65	5410-5430	0.76
			11262#25	5340-5375	0.94
			#26	5375-5415	2.19
			#27	5415-5430	2.01

Table 6.54

RMT1 hauls for: Amphipoda 0-1500m Day Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
11261#29	2 - 25	5.96	15.67	21.63
#30	25 - 50	89.42	26.83	116.25
#31	50 - 100	800.11	84.08	884.19
#14	0 - 100	480.78	29.68	510.46
#13	100 - 200	529.92	144.52	674.44
#12	200 - 300	67.07	10.20	77.27
# 1	300 - 400	31.07	0.77	31.84
* # 2	400 - 500	16.27	4.87	21.14
* #32	400 - 500	9.26	1.54	10.80
* # 3	500 - 600	0.72	1.45	2.19
* #33	500 - 600	18.83	27.46	46.27
# 4	600 - 700	19.35	5.95	25.30
# 5	700 - 800	9.37	8.59	17.97
# 6	800 - 900	1.45	4.36	5.81
#15	900 -1000	2.25	-	2.25
#16	1000 -1100	12.45	8.16	20.63
#17	1100 -1200	4.38	4.38	8.76
#26	1200 -1300	0.84	1.68	2.52
#27	1300 -1400	2.59	4.29	6.88
#28	1400 -1500	-	2.25	2.25

Table 6.55

RMT1 hauls for: Amphipoda 0-1500m Night Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
11261#73	0 - 25	389.24	35.05	424.29
#74	25 - 50	1186.17	50.48	1236.66
#75	50 - 100	552.32	46.52	598.85
#39	0 - 100	511.07	72.43	583.51
#40	100 - 200	73.89	39.25	113.16
#41	200 - 300	23.30	10.92	34.24
#22	300 - 400	17.04	7.25	24.80
#23	400 - 500	43.91	3.92	47.83
#24	500 - 600	2.22	0.74	2.96
#61	600 - 700	9.29	5.42	14.72
* #37	700 - 800	4.33	3.46	7.80
* #62	700 - 800	6.18	7.34	13.52
#38	800 - 895	4.67	1.56	6.23
#19	910 -1000	-	5.75	5.75
#20	1000 -1110	2.81	10.55	13.36
#21	1100 -1200	-	3.70	3.70
#66	1200 -1300	2.25	1.50	3.75
#67	1300 -1400	-	0.76	0.76
#68	1400 -1520	1.46	-	1.46

Table 6.56

RMT1 hauls for: Amphipoda Deep Midwater Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-4.5
11262#01	1500 -1910	0.74
# 2	1910 -2315	0.91
# 3	2310 -2700	3.22
# 4	2700 -3110	0.18
# 5	3110 -3500	0.69
# 6	3330 -3910	0.63
#10	3900 -4295	-
#11	4295 -4720	0.40
#12	4720 -5110	0.54
11261#48	5132 -5233	0.18
#47	5233 -5325	-
#46	5325 -5427	0.54
11261#54	5388 -5347(49-90mob)	0.57
#55	5388 -5415(24-55mob)	0.80
#56	5415 -5425(11-25mob)	0.19
#63	5345 -5385(48-90mob)	0.38
#64	5385 -5410(25-48mob)	2.12
#65	5410 -5430(11-31mob)	0.38
11262#25	5340 -5375(51-90mob)	0.38
#26	5375 -5415(25-51mob)	1.39
#27	5415 -5430(10-25mob)	1.46

Table 6.57

RMT8 hauls for: Amphipoda 0-1500m Day and Night Series

Nos. per 10,000cu m of water filtered

Day			Night		
Station	Depth ranges(m)	Nos.	Station	Depth ranges(m)	Nos.
11261#29	2 - 25	0.64	11261#73	0 - 25	24.14
#30	25 - 50	8.28	#74	25 - 50	0.96
#31	50 - 100	15.29	#75	50 - 100	4.99
#14	0 - 100	14.26	#39	0 - 100	40.24
#13	100 - 200	43.02	#40	100 - 200	1.55
#12	200 - 300	14.88	#41	200 - 300	5.80
# 1	300 - 400	8.67	#22	300 - 400	12.18
* # 2	400 - 500	-	#23	400 - 500	2.24
* #32	400 - 500	2.05	* #24	500 - 600	2.80
* # 3	500 - 600	1.02	* # 8	500 - 600	-
* #33	500 - 600	2.55	#61	600 - 700	2.43
# 4	600 - 700	2.81	#62	700 - 800	2.84
# 5	700 - 800	1.59	#38	800 - 895	1.11
# 6	800 - 900	1.03	#19	910 -1000	3.88
#15	900 -1000	1.94	#20	1000 -1100	3.48
#16	1000 -1100	1.27	#21	1100 -1200	3.15
#17	1100 -1200	2.40	#66	1200 -1300	2.89
#26	1200 -1300	2.79	#67	1300 -1400	2.80
#27	1300 -1400	2.52	#68	1400 -1520	1.37
#28	1400 -1500	-			

Table 6.58

RMT8 hauls for: Amphipoda Deep Midwater Series

Nos. per 10,000cu m of water filtered

Station	Depth ranges(m)	
11262#01	1500 -1910	1.04
# 2	1910 -2315	0.15
# 3	2310 -2700	0.34
# 4	2700 -3110	0.75
# 5	3110 -3500	0.33
# 6	3330 -3910	0.30
#10	3900 -4295	0.34
#11	4295 -4720	0.48
#12	4720 -5110	0.17
11261#48	5132 -5233	-
#47	5233 -5325	-
#46	5325 -5427	0.45
11261#54	5388 -5347(49-90mob)	-
#55	5388 -5415(24-55mob)	-
#56	5415 -5425(11-25mob)	0.18
#63	5345 -5385(48-90mob)	-
#64	5385 -5410(25-48mob)	-
#65	5410 -5430(11-31mob)	0.54
11262#25	5340 -5375(51-90mob)	0.32
#26	5375 -5415(25-51mob)	0.48
#27	5415 -5430(10-25mob)	0.68

Table 6.59

RMT1 hauls for: Euphausiacea 0-1500m Day Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-4.5
11261#29	2 - 25	-
#30	25 - 50	1891.7
#31	50 - 100	600.8
#14	0 - 100	762.4
#13	100 - 200	650.4
#12	200 - 300	96.2
# 1	300 - 400	216.7
* # 2	400 - 500	-
* #32	400 - 500	122.6
* # 3	500 - 600	-
* #33	500 - 600	141.2
# 4	600 - 700	56.6
# 5	700 - 800	60.2
# 6	800 - 900	48.4
#15	900 -1000	118.3
#16	1000 -1100	115.1
#17	1100 -1200	49.0
#26	1200 -1300	232.6
#27	1300 -1400	155.3
#28	1400 -1500	11.7

Table 6.60

RMT1 hauls for: Euphausiacea 0-1500m Night Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-4.5
11261#73	0 - 25	1747.6
#74	25 - 50	2750.1
#75	50 - 100	2474.2
#39	0 - 100	2775.9
#40	100 - 200	374.5
#41	200 - 300	255.7
#22	300 - 400	72.8
#23	400 - 500	42.4
* #24	500 - 600	13.4
*11262#08	500 - 600	-
11261#61	600 - 700	20.1
* #37	700 - 800	-
* #62	700 - 800	22.4
#38	800 - 895	187.0
#19	910 -1000	84.0
#20	1000 -1110	116.8
#21	1100 -1200	24.4
#66	1200 -1300	104.4
#67	1300 -1400	244.2
#68	1400 -1520	91.4

Table 6.61

RMT1 hauls for: Euphausiacea Deep Midwater Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-4.5
11262#01	1500 -1910	71.4 (0.4)
# 2	1910 -2315	2.4 (22.5)
# 3	2310 -2700	7.1 (14.1)
# 4	2700 -3110	0.0 (4.4)
# 5	3110 -3500	0.0 (0.5)
# 6	3330 -3910	0.0 (2.3)
#10	3900 -4295	0.0
#11	4295 -4720	0.0 (0.8)
#12	4720 -5110	0.0 (1.8)
11261#48	5132 -5233	0.0 (2.0)
#47	5233 -5325	0.0 (1.9)
#46	5325 -5427	0.0
11261#54	5388 -5347(49-90mob)	0.0
#55	5388 -5415(24-55mob)	0.0 (1.0)
#56	5415 -5425(11-25mob)	0.0 (0.4)
#63	5345 -5385(48-90mob)	0.0 (0.2)
#64	5385 -5410(25-48mob)	0.0
#65	5410 -5430(11-31mob)	0.0 (0.6)
11262#25	5340 -5375(51-90mob)	0.0 (1.9)
#26	5375 -5415(25-51mob)	0.0 (1.8)
#27	5415 -5430(10-25mob)	0.0 (2.9)

Table 6.62

RMT8 hauls for: Euphausiacea 0-1500m Day and Night Series

Nos. per 10,000cu m of water filtered

Day			Night		
Station	Depth ranges(m)	Nos.	Station	Depth ranges(m)	Nos.
11261#29	2 - 25	0.0	11261#73	0 - 25	0.29
#30	25 - 50	0.0	#74	25 - 50	0.0
#31	50 - 100	0.0	#75	50 - 100	0.0
#14	0 - 100	0.0	#39	0 - 100	0.94
#13	100 - 200	0.0	#40	100 - 200	0.31
#12	200 - 300	0.29	#41	200 - 300	16.08
# 1	300 - 400	3.47	#22	300 - 400	16.59
* # 2	400 - 500	-	#23	400 - 500	6.08
* #32	400 - 500	5.48	#24	500 - 600	14.02
* # 3	500 - 600	-	#61	600 - 700	2.08
* #33	500 - 600	6.06	#62	700 - 800	1.55
# 4	600 - 700	0.94	#38	800 - 895	1.86
# 5	700 - 800	1.59	#19	910 -1000	0.78
# 6	800 - 900	16.81	#20	1000 -1100	0.58
#15	900 -1000	3.57	#21	1100 -1200	0.35
#16	1000 -1100	2.21	#66	1200 -1300	2.25
#17	1100 -1200	2.74	#67	1300 -1400	2.12
#26	1200 -1300	1.20	#68	1400 -1520	3.44
#27	1300 -1400	1.43			
#28	1400 -1500	3.22			

Table 6.63

RMT8 hauls for: Euphausiacea Deep Midwater Series

Nos. per 10,000cu m of water filtered

		Size Fraction (mm)
Station	Depth ranges(m)	0.32-4.5
11262#01	1500 -1910	0.06
# 2	1910 -2315	0.04
# 3	2310 -2700	0.0
# 4	2700 -3110	0.0 (0.15)
# 5	3110 -3500	0.0
# 6	3330 -3910	0.0
#10	3900 -4295	0.0
#11	4295 -4720	0.0
#12	4720 -5110	0.0
11261#48	5132 -5233	0.0
#47	5233 -5325	0.0
#46	5325 -5427	0.0
11261#54	5388 -5347(49-90mob)	0.0
#55	5388 -5415(24-55mob)	0.0
#56	5415 -5425(11-25mob)	0.0
#63	5345 -5385(48-90mob)	0.0
#64	5385 -5410(25-48mob)	0.0
#65	5410 -5430(11-31mob)	0.0
11262#25	5340 -5375(51-90mob)	0.0 (0.32)
#26	5375 -5415(25-51mob)	0.0
#27	5415 -5430(10-25mob)	0.0

Table 6.64

RMT1 hauls for: Decapoda. 0-1500m Day Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
#29	2 - 25	541.22	151.33	692.56
#30	25 - 50	333.80	125.91	461.20
#31	50 - 100	197.13	31.16	228.29
#14	0 - 100	312.79	78.20	391.00
#13	100 - 200	24.09	16.56	40.65
#12	200 - 300	5.83	-	5.83
# 1	300 - 400	-	30.29	-
* # 2	400 - 500	-	-	-
* #32	400 - 500	6.17	-	6.17
* # 3	500 - 600	-	-	-
* #33	500 - 600	-	3.92	3.92
# 4	600 - 700	1.49	0.74	2.23
# 5	700 - 800	4.69	2.34	7.03
# 6	800 - 900	5.82	0.73	6.55
#15	900 -1000	1.51	4.52	6.03
#16	1000 -1100	6.22	3.11	9.34
#17	1100 -1200	4.39	1.46	5.85
#26	1200 -1300	-	1.68	1.68
#27	1300 -1400	-	1.72	1.72
#28	1400 -1500	1.51	0.75	2.26

Table 6.65

RMT1 hauls for: Decapoda. 0-1500m Night Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
11261#73	0 - 25	993.21	108.10	1101.31
#74	25 - 50	555.23	73.35	628.58
#75	50 - 100	48.02	14.26	62.28
#39	0 - 100	261.48	33.42	294.90
#40	100 - 200	-	5.40	5.40
#41	200 - 300	-	0.73	0.73
#22	300 - 400	-	1.55	1.55
#23	400 - 500	-	-	-
* #24	500 - 600	-	-	-
*11262#08	500 - 600	11.46	-	11.46
11261#61	600 - 700	-	0.77	0.77
* #37	700 - 800	3.46	-	3.46
* #62	700 - 800	-	0.77	0.77
#38	800 - 895	10.90	3.11	14.01
#19	910 -1000	-	1.65	1.65
#20	1000 -1110	2.82	2.82	5.64
#21	1100 -1200	5.18	2.22	7.39
#66	1200 -1300	-	1.50	1.50
#67	1300 -1400	-	-	-
#68	1400 -1520	0.73	-	0.73

Table 6.66

RMT1 hauls for: Decapoda. Deep Midwater Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-4.5
11262#01	1500 -1910	0.73
# 2	1910 -2315	7.92
# 3	2310 -2700	2.14
# 4	2700 -3110	-
# 5	3110 -3500	0.27
# 6	3330 -3910	0.78
#10	3900 -4295	-
#11	4295 -4720	0.99
#12	4720 -5110	0.72
11261#48	5132 -5233	3.07
#47	5233 -5325	0.57
#46	5325 -5427	0.18
11261#54	5388 -5347(49-90mob)	0.38
#55	5388 -5415(24-55mob)	1.40
#56	5415 -5425(11-25mob)	0.38
#63	5345 -5385(48-90mob)	0.19
#64	5385 -5410(25-48mob)	0.18
#65	5410 -5430(11-31mob)	0.19
11262#25	5340 -5375(51-90mob)	-
#26	5375 -5415(25-51mob)	-
#27	5415 -5430(10-25mob)	0.73

Table 6.67

RMT8 hauls for: Decapoda 0-1500m Day and Night Series

Nos. per 10,000cu m of water filtered

Day			Night		
Station	Depth ranges(m)	Nos.	Station	Depth ranges(m)	Nos.
11261#29	2 - 25	30.61			
#30	25 - 50	11.24	#74	25 - 50	12.51
#31	50 - 100	25.14	#75	50 - 100	13.53
#14	0 - 100	11.88	#39	0 - 100	44.02
#13	100 - 200	6.35	#40	100 - 200	20.93
#12	200 - 300	5.84	#41	200 - 300	7.51
# 1	300 - 400	0.0	#22	300 - 400	9.01
* # 2	400 - 500	0.0	#23	400 - 500	14.74
* #32	400 - 500	3.07	#24	500 - 600	16.13
* # 3	500 - 600	6.48	#61	600 - 700	6.23
* #33	500 - 600	12.85	#62	700 - 800	7.48
# 4	600 - 700	12.92	#38	800 - 895	14.11
# 5	700 - 800	40.29	#19	910 -1000	7.35
# 6	800 - 900	41.26	#20	1000 -1100	17.11
#15	900 -1000	38.57	#21	1100 -1200	17.52
#16	1000 -1100	37.34	#66	1200 -1300	11.90
#17	1100 -1200	35.44	#67	1300 -1400	7.58
#26	1200 -1300	13.56	#68	1400 -1520	7.91
#27	1300 -1400	8.23			
#28	1400 -1500	6.46			

Table 6.68

RMT8 hauls for: Decapoda Deep Midwater Series

Nos. per 10,000cu m of water filtered

Station	Depth ranges(m)	
11262#01	1500 -1910	6.37
# 2	1910 -2315	4.71
# 3	2310 -2700	0.67 (0.34)
# 4	2700 -3110	1.35
# 5	3110 -3500	1.21
# 6	3330 -3910	1.32 (0.15)
#10	3900 -4295	0.52
#11	4295 -4720	0.48
#12	4720 -5110	0.0
11261#48	5132 -5233	0.51
#47	5233 -5325	0.15
#46	5325 -5427	0.0
11261#54	5388 -5347(49-90mob)	0.0
#55	5388 -5415(24-55mob)	0.32
#56	5415 -5425(11-25mob)	0.18
#63	5345 -5385(48-90mob)	0.0
#64	5385 -5410(25-48mob)	0.28
#65	5410 -5430(11-31mob)	0.90
11262#25	5340 -5375(51-90mob)	0.32
#26	5375 -5415(25-51mob)	0.16
#27	5415 -5430(10-25mob)	0.67

Table 6.69

RMT1 hauls for: Amphionides. 0-1500m Day Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
#29	2 - 25	-	0.75	0.75
#30	25 - 50	-	1.49	1.49
#31	50 - 100	-	0.72	0.72
#14	0 - 100	-	2.17	2.17
#13	100 - 200	-	-	-
#12	200 - 300	-	-	-
# 1	300 - 400	-	-	-
* # 2	400 - 500	-	-	-
* #32	400 - 500	-	-	-
* # 3	500 - 600	-	-	-
* #33	500 - 600	-	-	-
# 4	600 - 700	-	-	-
# 5	700 - 800	-	-	-
# 6	800 - 900	-	-	-
#15	900 -1000	-	-	-
#16	1000 -1100	-	-	-
#17	1100 -1200	-	-	-
#26	1200 -1300	-	-	-
#27	1300 -1400	-	0.86	0.86
#28	1400 -1500	-	-	-

Table 6.70

RMT1 hauls for: Small Pyrosoma. 0-1500m Day Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
#29	2 - 25	-	-	-
#30	25 - 50	-	-	-
#31	50 - 100	-	0.72	0.72
#14	0 - 100	-	0.72	0.72
#13	100 - 200	-	0.75	0.75
#12	200 - 300	-	-	-
# 1	300 - 400	-	-	-
* # 2	400 - 500	-	-	-
* #32	400 - 500	-	-	-
* # 3	500 - 600	-	-	-
* #33	500 - 600	-	-	-
# 4	600 - 700	-	-	-
# 5	700 - 800	-	-	-
# 6	800 - 900	-	-	-
#15	900 -1000	-	-	-
#16	1000 -1100	-	-	-
#17	1100 -1200	-	-	-
#26	1200 -1300	-	-	-
#27	1300 -1400	-	-	-
#28	1400 -1500	-	-	-

Table 6.71

RMT1 hauls for: Small Pyrosoma. 0-1500m Night Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
11261#73	0 - 25	-	-	-
#74	25 - 50	-	2.37	2.37
#75	50 - 100	-	27.01	27.01
#39	0 - 100	-	-	-
#40	100 - 200	12.32	-	12.32
#41	200 - 300	-	-	-
#22	300 - 400	-	-	-
#23	400 - 500	-	-	-
* #24	500 - 600	-	-	-
*11262#08	500 - 600	-	-	-
11261#61	600 - 700	-	-	-
* #37	700 - 800	-	-	-
* #62	700 - 800	-	-	-
#38	800 - 895	-	-	-
#19	910 -1000	-	-	-
#20	1000 -1110	-	-	-
#21	1100 -1200	-	-	-
#66	1200 -1300	-	-	-
#67	1300 -1400	-	-	-
#68	1400 -1520	-	-	-

Table 6.72

RMT8 hauls for: Pyrosoma 0-1500m Day and Night Series

Nos. per 10,000cu m of water filtered

Day			Night		
Station	Depth ranges(m)	Nos.	Station	Depth ranges(m)	Nos.
11261#29	2 - 25	-	11261#73	0 - 25	0.90
#30	25 - 50	-	#74	25 - 50	10.90
#31	50 - 100	-	#75	50 - 100	13.20
#14	0 - 100	-	#39	0 - 100	4.70
#13	100 - 200	-	#40	100 - 200	23.70
#12	200 - 300	-	#41	200 - 300	-
# 1	300 - 400	-	#22	300 - 400	-
* # 2	400 - 500	-	#23	400 - 500	0.30
* #32	400 - 500	-	* #24	500 - 600	1.10
* # 3	500 - 600	-	* # 8	500 - 600	-
* #33	500 - 600	0.30	#61	600 - 700	-
# 4	600 - 700	0.63	#62	700 - 800	-
# 5	700 - 800	85.00	#38	800 - 895	-
# 6	800 - 900	1.40	#19	910 -1000	-
#15	900 -1000	-	#20	1000 -1100	-
#16	1000 -1100	-	#21	1100 -1200	-
#17	1100 -1200	-	#66	1200 -1300	-
#26	1200 -1300	-	#67	1300 -1400	-
#27	1300 -1400	-	#68	1400 -1520	-
#28	1400 -1500	-			

Table 6.73

RMT8 hauls for: Pyrosoma Deep Midwater Series

Nos. per 10,000cu m of water filtered

Station	Depth ranges(m)	
11262#01	1500 -1910	0.10
# 2	1910 -2315	-
# 3	2310 -2700	0.20
# 4	2700 -3110	-
# 5	3110 -3500	-
# 6	3330 -3910	-
#10	3900 -4295	-
#11	4295 -4720	-
#12	4720 -5110	-
11261#48	5132 -5233	-
#47	5233 -5325	-
#46	5325 -5427	-
11261#54	5388 -5347(49-90mob)	-
#55	5388 -5415(24-55mob)	-
#56	5415 -5425(11-25mob)	-
#63	5345 -5385(48-90mob)	-
#64	5385 -5410(25-48mob)	-
#65	5410 -5430(11-31mob)	-
11262#25	5340 -5375(51-90mob)	-
#26	5375 -5415(25-51mob)	-
#27	5415 -5430(10-25mob)	-

Table 6.74

RMT1 hauls for: Doliolida 0-1500m Day Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
#29	2 - 25	1.49	-	1.49
#30	25 - 50	77.49	0.75	78.23
#31	50 - 100	127.55	10.15	137.70
#14	0 - 100	57.92	1.45	59.37
#13	100 - 200	24.09	4.52	28.60
#12	200 - 300	2.92	-	2.92
# 1	300 - 400	15.54	0.78	16.31
* # 2	400 - 500	-	-	-
* #32	400 - 500	37.02	-	37.02
* # 3	500 - 600	0.73	-	0.73
* #33	500 - 600	6.28	2.35	8.63
# 4	600 - 700	7.44	-	7.44
# 5	700 - 800	-	-	-
# 6	800 - 900	1.45	-	1.45
#15	900 -1000	-	-	-
#16	1000 -1100	-	-	-
#17	1100 -1200	-	-	-
#26	1200 -1300	1.68	-	1.68
#27	1300 -1400	4.29	-	4.29
#28	1400 -1500	7.55	-	7.55

Table 6.75

RMT1 hauls for: Doliolida 0-1500m Night Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
11261#73	0 - 25	93.48	3.65	97.13
#74	25 - 50	176.66	13.41	190.07
#75	50 - 100	648.38	18.76	667.14
#39	0 - 100	47.54	3.71	51.25
#40	100 - 200	36.95	0.77	37.72
#41	200 - 300	17.48	-	17.48
#22	300 - 400	17.05	1.55	18.60
#23	400 - 500	18.82	3.14	21.96
* #24	500 - 600	1.48	-	1.48
*11262#08	500 - 600	40.11	30.08	70.19
11261#61	600 - 700	-	-	-
* #37	700 - 800	1.73	0.87	2.60
* #62	700 - 800	-	-	-
#38	800 - 895	15.55	1.56	17.11
#19	910 -1000	-	1.65	1.65
#20	1000 -1110	-	0.70	0.70
#21	1100 -1200	2.96	-	2.96
#66	1200 -1300	1.50	0.75	2.25
#67	1300 -1400	-	-	-
#68	1400 -1520	3.66	-	3.66

Table 6.76

RMT1 hauls for: Doliolida Deep Midwater Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-4.5
11262#01	1500 -1910	0.18
# 2	1910 -2315	-
# 3	2310 -2700	1.60
# 4	2700 -3110	-
# 5	3110 -3500	-
# 6	3330 -3910	0.47
#10	3900 -4295	0.38
#11	4295 -4720	0.79
#12	4720 -5110	0.36
11261#48	5132 -5233	0.18
#47	5233 -5325	-
#46	5325 -5427	-
11261#54	5388 -5347(49-90mob)	-
#55	5388 -5415(24-55mob)	0.20
#56	5415 -5425(11-25mob)	0.56
#63	5345 -5385(48-90mob)	-
#64	5385 -5410(25-48mob)	0.35
#65	5410 -5430(11-31mob)	-
11262#25	5340 -5375(51-90mob)	0.19
#26	5375 -5415(25-51mob)	0.20
#27	5415 -5430(10-25mob)	-

Table 6.77

RMT1 hauls for: Salpa. 0-1500m Day Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
#29	2 - 25	2.98	-	2.98
#30	25 - 50	17.88	-	17.88
#31	50 - 100	-	4.35	4.35
#14	0 - 100	28.96	0.72	29.69
#13	100 - 200	-	-	-
#12	200 - 300	8.75	-	8.75
# 1	300 - 400	-	-	-
* # 2	400 - 500	-	-	-
* #32	400 - 500	-	-	-
* # 3	500 - 600	-	-	-
* #33	500 - 600	6.28	-	6.28
# 4	600 - 700	-	-	-
# 5	700 - 800	-	-	-
# 6	800 - 900	-	-	-
#15	900 -1000	-	-	-
#16	1000 -1100	1.56	-	1.56
#17	1100 -1200	6.58	1.46	8.05
#26	1200 -1300	-	-	-
#27	1300 -1400	-	-	-
#28	1400 -1500	-	-	-

Table 6.78

RMT1 hauls for: Salpa. 0-1500m Night Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
11261#73	0 - 25	-	-	-
#74	25 - 50	25.24	0.79	26.03
#75	50 - 100	48.03	2.25	50.28
#39	0 - 100	11.88	-	11.88
#40	100 - 200	-	-	-
#41	200 - 300	-	-	-
#22	300 - 400	-	-	-
#23	400 - 500	-	-	-
* #24	500 - 600	-	-	-
*11262#08	500 - 600	-	-	-
11261#61	600 - 700	-	3.10	3.10
* #37	700 - 800	-	-	-
* #62	700 - 800	-	-	-
#38	800 - 895	-	-	-
#19	910 -1000	-	-	-
#20	1000 -1110	-	-	-
#21	1100 -1200	1.47	-	1.47
#66	1200 -1300	-	-	-
#67	1300 -1400	-	-	-
#68	1400 -1520	0.73	-	0.73

Table 6.79

RMT1 hauls for: Salpa. Deep Midwater Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-4.5
11262#01	1500 -1910	-
# 2	1910 -2315	-
# 3	2310 -2700	-
# 4	2700 -3110	-
# 5	3110 -3500	-
# 6	3330 -3910	-
#10	3900 -4295	-
#11	4295 -4720	-
#12	4720 -5110	-
11261#48	5132 -5233	0.18
#47	5233 -5325	-
#46	5325 -5427	-
11261#54	5388 -5347(49-90mob)	-
#55	5388 -5415(24-55mob)	-
#56	5415 -5425(11-25mob)	-
#63	5345 -5385(48-90mob)	-
#64	5385 -5410(25-48mob)	-
#65	5410 -5430(11-31mob)	-
11262#25	5340 -5375(51-90mob)	-
#26	5375 -5415(25-51mob)	-
#27	5415 -5430(10-25mob)	-

Table 6.80

RMT1 hauls for: Appendicularia. 0-1500m Day Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
#29	2 - 25	150.58	-	150.58
#30	25 - 50	357.63	-	357.63
#31	50 - 100	23.19	-	23.19
#14	0 - 100	451.81	-	451.81
#13	100 - 200	-	-	-
#12	200 - 300	8.75	-	8.75
# 1	300 - 400	-	-	-
* # 2	400 - 500	-	-	-
* #32	400 - 500	-	-	-
* # 3	500 - 600	-	-	-
* #33	500 - 600	-	-	-
# 4	600 - 700	-	-	-
# 5	700 - 800	-	-	-
# 6	800 - 900	-	-	-
#15	900 -1000	1.51	-	1.51
#16	1000 -1100	-	-	-
#17	1100 -1200	-	-	-
#26	1200 -1300	0.84	-	0.84
#27	1300 -1400	-	-	-
#28	1400 -1500	-	-	-

Table 6.81

RMT1 hauls for: Appendicularia. 0-1500m Night Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
11261#73	0 - 25	105.16	-	105.16
#74	25 - 50	176.66	-	176.66
#75	50 - 100	-	-	-
#39	0 - 100	71.31	-	71.31
#40	100 - 200	184.74	-	184.74
#41	200 - 300	17.48	-	17.48
#22	300 - 400	-	-	-
#23	400 - 500	-	-	-
* #24	500 - 600	0.74	-	0.74
*11262#08	500 - 600	-	-	-
11261#61	600 - 700	-	-	-
* #37	700 - 800	-	-	-
* #62	700 - 800	-	-	-
#38	800 - 895	-	-	-
#19	910 -1000	-	-	-
#20	1000 -1110	-	-	-
#21	1100 -1200	0.74	-	0.74
#66	1200 -1300	-	-	-
#67	1300 -1400	-	-	-
#68	1400 -1520	-	-	-

Table 6.82

RMT1 hauls for: Fish. 0-1500m Day Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
#29	2 - 25	186.37	69.33	255.70
#30	25 - 50	256.30	12.67	268.97
#31	50 - 100	115.95	23.92	139.87
#14	0 - 100	162.18	13.76	175.94
#13	100 - 200	-	5.27	5.27
#12	200 - 300	17.49	0.73	18.22
# 1	300 - 400	-	3.11	3.11
* # 2	400 - 500	-	13.84	13.84
* #32	400 - 500	-	20.82	20.82
* # 3	500 - 600	-	0.73	0.73
* #33	500 - 600	-	66.70	66.70
# 4	600 - 700	-	19.35	19.35
# 5	700 - 800	-	3.13	3.13
# 6	800 - 900	10.18	35.63	45.81
#15	900 -1000	1.51	7.53	9.04
#16	1000 -1100	1.56	-	1.56
#17	1100 -1200	16.82	1.46	18.29
#26	1200 -1300	-	-	-
#27	1300 -1400	-	-	-
#28	1400 -1500	5.28	30.19	35.47

Table 6.83

RMT1 hauls for: Fish. 0-1500m Night Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
11261#73	0 - 25	1285.33	36.52	1321.84
#74	25 - 50	1034.74	89.91	1124.65
#75	50 - 100	384.23	61.54	445.76
#39	0 - 100	178.28	75.77	254.05
#40	100 - 200	-	17.70	17.70
#41	200 - 300	58.27	3.64	61.91
#22	300 - 400	-	1.55	1.55
#23	400 - 500	-	17.25	17.25
* #24	500 - 600	2.97	2.97	5.94
*11262#08	500 - 600	-	47.99	47.99
11261#61	600 - 700	6.20	24.02	30.22
* #37	700 - 800	-	22.55	22.55
* #62	700 - 800	3.09	15.44	18.53
#38	800 - 895	7.78	4.67	12.44
#19	910 -1000	-	14.01	14.01
#20	1000 -1110	-	6.33	6.33
#21	1100 -1200	2.96	0.74	3.70
#66	1200 -1300	-	-	-
#67	1300 -1400	-	0.76	0.76
#68	1400 -1520	1.46	-	1.46

Table 6.84

RMT1 nauls for: Fish. Deep Midwater Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-4.5
11262#01	1500 -1910	0.18
# 2	1910 -2315	0.18
# 3	2310 -2700	0.53
# 4	2700 -3110	-
# 5	3110 -3500	0.27
# 6	3330 -3910	0.16
#10	3900 -4295	-
#11	4295 -4720	0.40
#12	4720 -5110	0.36
11261#48	5132 -5233	0.54
#47	5233 -5325	-
#46	5325 -5427	-
11261#54	5388 -5347(49-90mob)	-
#55	5388 -5415(24-55mob)	0.20
#56	5415 -5425(11-25mob)	-
#63	5345 -5385(48-90mob)	-
#64	5385 -5410(25-48mob)	-
#65	5410 -5430(11-31mob)	0.19
11262#25	5340 -5375(51-90mob)	-
#26	5375 -5415(25-51mob)	-
#27	5415 -5430(10-25mob)	0.36

Table 6.85

RMT8 hauls for: mid water fish 0-1500m Day and Night Series

Nos. per 10,000cu m of water filtered

Day			Night		
Station	Depth ranges(m)	Nos.	Station	Depth ranges(m)	Nos.
11261#29	2 - 25	9.15	11261#73	0 - 25	53.88
#30	25 - 50	4.14	#74	25 - 50	13.16
#31	50 - 100	7.47	#75	50 - 100	35.56
#14	0 - 100	unid.	#39	0 - 100	unid.
#13	100 - 200	6.66	#40	100 - 200	12.81(0.31)
#12	200 - 300	3.21	#41	200 - 300	8.55
# 1	300 - 400	13.19	#22	300 - 400	19.00
* # 2	400 - 500	19.50	#23	400 - 500	21.78(0.32)
* #32	400 - 500	unid.	#24	500 - 600	160.98
* # 3	500 - 600	94.59	#61	600 - 700	78.08
* #33	500 - 600	unid.	#62	700 - 800	33.67
# 4	600 - 700	119.69	#38	800 - 895	33.06
# 5	700 - 800	7.29	#19	910 -1000	46.76
# 6	800 - 900	37.39	#20	1000 -1100	24.36
#15	900 -1000	46.38	#21	1100 -1200	19.27
#16	1000 -1100	25.84	#66	1200 -1300	31.19
#17	1100 -1200	20.30	#67	1300 -1400	14.86
#26	1200 -1300	22.71(1.20)	#68	1400 -1520	13.08
#27	1300 -1400	17.89(0.36)			
#28	1400 -1500	14.68(0.36)			

Table 6.86

RMT8 hauls for: mid water fish Deep Midwater Series

Nos. per 10,000cu m of water filtered
Size Fraction (mm)

Station	Depth ranges(m)	0.32-4.5
11262#01	1500 -1910	8.32
# 2	1910 -2315	0.15(0.73)
# 3	2310 -2700	0.17(1.34)
# 4	2700 -3110	(0.30)
# 5	3110 -3500	0.11(0.22)
# 6	3330 -3910	0.29(0.88)
#10	3900 -4295	(0.87)
#11	4295 -4720	(0.16)
#12	4720 -5110	(1.53)
11261#48	5132 -5233	(0.84)
#47	5233 -5325	(0.60)
#46	5325 -5427	(0.30)
11261#54	5388 -5347(49-90mob)	(0.34)
#55	5388 -5415(24-55mob)	(0.49)
#56	5415 -5425(11-25mob)	unid.
#63	5345 -5385(48-90mob)	(1.28)
#64	5385 -5410(25-48mob)	unid.
#65	5410 -5430(11-31mob)	(0.89)
#25	5340 -5375(51-90mob)	(1.78)
#26	5375 -5415(25-51mob)	0.16(0.16)
#27	5415 -5430(10-25mob)	(1.20)

Table 6. 87 Miscellaneous taxa in RMT 1 samples. Nos per 1000m^3

Station	Depth (m)	D/N	No.
Nematoda			
11261#39	0-100	N	11.88
Tornaria Larvae			
11261#37	700-800	N	0.87
Bivalvia			
11261#14	0-100	D	5.79
#74	25-50	N	50.47
Cephalopoda			
11261#30	25-50	D	1.49
#31	50-100	D	24.64
#14	0-100	D	2.90
#13	100-200	D	3.01
#73	0-25	N	1.46
#24	500-600	N	0.74
Brachipod Larvae			
11261#66	1200-1300	N	0.75
#67	1300-1400	N	1.51
11262#1	1500-1910	N	0.18
#2	1910-2315	N	0.18

Table 7.1

Standarized data for rarer Siphonophore species.

RMT1 and RMT8 data are standardized to 1000 and 10,000 m^3 of water filtered respectively.

Sub-order Cystonectae:

Rhizophysa filiformis:	RMT1	Day:	#29: 4.48.
		Night:	#73: 0.74; #74: 1.58.
	RMT8	Day:	#14: 0.34.

Sub-order Physonectae:

Apolemia uvaria:	RMT8	Day:	#17: 2.41n + p.
Agalma okeni:	RMT1	Day:	#14: 2.90n, 5.80b.
		Night:	#73: 0.73b; #74: 4.73n, 4.73b; #75: 14.3n, 20.26b.
	RMT8	Day:	#29: 0.63n; #30: 2.66b; #14: 1.02n, 1.02b; #1: 0.69b; #33: 0.96n, 0.32b; #4: 16.34n, 27.33b.
		Night:	#73: 20.31n, 164.87b; #74: 2.57n, 36.28b + p; #75: 7.82n, 29.16b; #39: 5.93n, 4.68b; #22: 0.60n, 0.69b; #23: 0.64b; #24: 0.35b; #20:4.06n, 2.03b; #68: 0.34n.
		Deep:	#64: 1.13n, 1.42b + p.
Frillagalma vitiazi:	RMT1	Day:	# 5: 1.56n; #6: 2.18n, 2.18b.
		Night:	#37: 0.87n.
	RMT8	Day:	#12: 0.29b; # 6: 1.37n; #17: 2.06n, 0.34b; #26: 5.58n, 1.20b; #27: 4.65n.
		Night:	#62: 3.74n; #38: 3.34n; #66: 5.14n, 1.29b.
		Deep:	2# 1: 0.29n; 2# 6: 0.58n.
Halistemma rubrum:	RMT1	Day:	# 5: 2.34n, 3.91b.
		Night:	#74: 0.79n, 0.79b.
	RMT8	Day:	#29: 1.58n, 1.58b; #33: 3.19n.
		Night:	#73: 61.82n, 57.40b; #74: 51.36n, 59.39b; #75: 0.36n, 1.78b; #39: 16.55n, 11.86b; #40: 5.63n, 6.88b; #41: 2.74n; #38: 0.37n.
		Deep:	#65: 0.18n.
Bargmannia elongata:	RMT8	Day:	# 3: 1.02n: # 4: 1.26n.
		Night:	#22: 12.78n; #23: 9.29n; #24: 5.96n; #61: 0.35n; #62: 4.68n.
Bargmannia sp nov.:	RMT8	Day:	#16: 5.04n.
Physophora hydrostatica:	RMT8	Day:	# 2: 2.35n + p.
		Night:	#19: 0.38n.
Melophysa melo:	RMT8	Night:	#40: 2.50b.

Sub-order Calycophorae:

Amphicaryon peltifera: RMT1 Day: #14: 1.45w.
Night: #39: 0.74w.
RMT8 Day: #14: 0.68w, 0.34dn; #31: 1.70w.
Night: #39: 0.31w, 0.31dn; #75: 0.37w;
#38: 0.37w.

Amphicaryon acaule: RMT1 Day: # 1: 0.78w.
Night: #73: 0.73w; #75: 1.50w; #39: 1.49w.
Deep: #63: 0.38w, 0.38ec.
RMT8 Day: #31: 1.02w, 0.68ln, 0.68dn; #13: 0.91w;
#12: 0.29w; #33: 0.32w; # 6: 0.69ln.
Night: #73: 0.29w; #39: 0.31w; #41: 0.34w;
#23: 0.32w.
Deep: #63: 0.16w, 0.32ln; #64: 0.14w.

Amphicaryon ernesti: RMT1 Night: #74: 0.79w.
RMT8 Night: #75: 0.31w, 0.31dn; #39: 0.71w, 0.36dn.

Rosacea plicata: RMT8 Day: # 1: 1.39n; #32: 1.37n; #33: 0.96n;
3: 2.05n; # 4: 0.31n; #28: 0.36n.
Night: #22: 2.42n; #24: 0.70n.
Deep: 2#27: 0.17n.

Praya dubia: RMT8 Day: #32: 1.03n; #33: 0.64eb; # 4: 2.20eb.
Night: #24: 0.70eb; #61: 0.35eb.

Desmophyes annectens: RMT8 Day: # 3: 0.34n.
Night: #41: 2.39n; #22: 1.73n.

Nectopyramis diomedeae: RMT1 Deep: 2# 6: 0.31eb.
RMT8 Day: # 4: 0.31eb.
Night: #19: 0.39eb.

Nectopyramis thetis: RMT1 Night: #61: 0.77eb.
RMT8 Day: #14: 0.33ec; #12: 0.29ec; # 3: 0.34n;
4: 0.63n, 0.63ec.
Night: #24: 0.35eb; #61: 1.38n, 0.69ec; 0.35eb;
#62: 2.18ec, 0.31eb; #21: 0.35ec.

Nectopyramis natans: RMT8 Night: #62: 0.31n.
Deep: 2# 3: 0.17n.

Nectopyramis spinosa: RMT8 Day: #32: 0.68vn; # 3: 0.34vn.
Night: #24: 0.35vn.

Nectopyramis sp. nov.: RMT8 Day: #15: 0.32ec; #26: 0.40ec.
Night: #39: 0.31ec; #19: 0.39eb.

Hippopodius hippopus: RMT1 Day: #13: 1.51n; #12: 0.73n.
Night: #74: 1.58n; #39: 2.97n, #40: 0.77n.
See Table 7.2 for RMT8 data.

Vogtia glabra: RMT1 Day: #31: 0.72n, #12: 1.46n; # 1: 1.55n;
2: 0.81n; #32: 3.08n.
Night: #40: 1.54n; #41: 0.73n.
RMT8 Deep: 2# 1: 0.15n; 2# 2: 0.15n; 2#25: 0.16n;
2#27: 0.86n.
See Table 7.3 for other RMT8 data.

Vogtia spinosa: RMT1 Night: #21: 2.22n.
RMT8 Deep: 2#10: 0.52n.
See Table 7.4 for other RMT8 data.

Vogtia pentacantha: RMT1 Day: # 2: 1.63n; #32: 1.54n; #33: 4.71n.
Night: #22: 0.77n; #21: 0.74n.
See Table 7.5 for RMT8 data.

Vogtia serrata: RMT1 Day: #33: 3.14n; # 5: 1.56n, # 6: 2.18n.
Night: #24: 0.74n; #61: 2.32n.
Deep: #56: 0.19n.
RMT8 Deep: 2# 2: 1.17n; 2# 6: 0.58n.
See Table 7.6 for other RMT8 data.

Sulculeolaria quadrivalvis: RMT1 Night: #73: 0.73an.
RMT8 Day: #30: 0.59an, 0.59pn.
Night: #73: 0.29an; #41: 0.34pn.

Sulculeolaria biloba: RMT8 Day: #14: 0.34an, 0.34pn.
Night: #39: 0.31an.

Sulculeolaria turgida: RMT1 Day: #14: 1.45an, 0.72pn; #13: 0.75pn.
Night: #73: 0.73an, 0.73pn.
RMT8 Day: #31: 0.34an; #14: 0.68an; #13:0.30an,0.30pn;
#12: 1.46an, 0.88pn.
Night: #73: 0.88an, 0.88pn; #39: 0.94an, 0.62pn;
#68: 0.34pn.

Sulculeolaria monoica: RMT1 Night: #73: 0.73an.
RMT8 Day: #31: 0.68an, 0.34pn; #14: 0.34an.
Night: #73: 0.59an, 0.88pn; #39: 0.31an, 0.62pn;
#22: 0.35an.

Diphyes dispar: RMT8 Deep: 2#10: 0.17ec; #12: 0.17an, 0.17pn, 0.17eg.
#48: 0.34an; #46: 0.15an, 0.15eb;
#55: 0.16ec; #63: 0.16eb; #64: 0.28an,
0.28pn, 0.14eb.
See Tables 7.19-21 for other RMT8 and RMT1 data.

Diphyes bojani: RMT1 Day: #29: 0.75eb, 0.75eg; #30: 3.73an, 1.49pn;
#14: 1.45eb, 0.72eg.
Night: #73: 0.75eb, 0.75eg; #74: 0.79eb, 1.58eg;
#75: 2.25eb, 2.25eg; #39: 0.74an.
RMT8 Day: #29: 0.63an, 0.63pn; #30: 19.23an,1.75pn;
#31: 1.36an, 0.34pn; #14: 6.79an, 0.68pn.
Night: #73: 2.36an, 0.29pn, 0.29eb, 0.88eg;
#75: 0.36an; #39: 3.12an, 0.31pn, 0.31eg;
#23: 0.32pn.
Deep: #48: 0.17an.

Lensia campanella: RMT1 Deep: 2#25: 0.38an.
RMT8 Deep: 2# 4: 0.30an.

Lensia cossack: RMT1 Day: #30: 2.98an; #14: 0.72an.
Night: #74: 0.79an.
Deep: #27: 0.73an.
RMT8 Day: #29: 0.63an; #30: 1.18an; #14: 0.34an.
Night: #73: 1.47an, 0.59pn; #74: 0.64an;
#39: 0.62an; #67: 0.30an.
Deep: 2# 4: 0.30an.

Lenisa fowleri: RMT1 Deep: 2# 2: 0.18an.
RMT8 Deep: 2# 4: 0.30an; 2#25: 0.16an; #64: 0.14an.
See Tables 7.26-27 for other RMT1 and RMT8 data.

Lensia hotspur: RMT1 Day: #31: 0.72an.
Deep: 2# 6: 0.31an.

Lensia subtilis: RMT1 Day: #30: 0.74an; # 6: 0.72an.
Night: #40: 2.30an.
Deep: 2# 2: 0.36an; 2# 3: 1.06an; 2# 6: 0.62an; 2#12: 0.72an; 2#25: 0.38an; 2#27: 1.10an; #47: 0.38an.
RMT8 Day: # 1: 0.69an; #32: 0.34an.
Night: #39: 0.62an; #61: 0.35an.
Deep: 2#10: 0.17an; 2#25: 0.81an; #46: 0.15an; #55: 0.16an; #63: 0.16an.

Lensia meteori: RMT1 Day: #14: 0.72an; #13: 3.02an; #12: 5.83an; #17: 0.74an.
Night: #40: 3.08an; #61: 0.78an; #37: 0.86an.
Deep: 2# 3: 4.64an; 2# 6: 0.62an; 2#12: 1.08an; 2#25: 1.14an; 2#26: 2.78an; 2#27: 1.82an; #56: 0.38an; #65: 0.38an.
RMT8 Deep: 2#12: 0.17an; #63: 0.16an.

Lensia lelouveteau: RMT1 Day: # 6: 1.46an.
Night: #38: 0.78an.
Deep: 2# 5: 0.28an; 2# 6: 0.32an.
RMT8 Day: # 6: 0.34an; #15: 1.95an.

Lensia achilles: RMT1 Day: # 2: 0.81an; # 6: 0.73an; #17: 0.73an.
Night: #24: 0.74an.
RMT8 Day: #13: 0.30an; # 1: 0.35an; # 6: 0.34an; #15: 0.32an; #26: 0.80an.
Night: #22: 0.69an; #38: 0.37an; #20: 0.29an; #21: 0.35an; #66: 0.64an; #68: 0.34an.
Deep: 2# 3: 0.17an; 2# 4: 0.45an; 2#12: 0.17an; 2#26: 0.16an.

Lensia grimaldi: RMT1 Day: # 2: 13.02an; # 6: 0.73an.
Night: #24: 0.74an.
Deep: 2# 2: 0.37an; 2# 3: 0.36an; #55: 0.40an.
RMT8 Day: # 1: 2.43an; # 2: 2.69an; #32: 22.92an; # 3: 0.34an; #33: 0.32an.
Night: #22: 1.73an; #23: 1.60an; #24: 0.70an.
Deep: #63: 0.16an; 2#25: 0.16an.

Lensia havock: RMT1 Day: #28: 0.75an.
Deep: 2# 1: 0.73an.
RMT8 Day: #28: 0.72an.
Night: #67: 2.12an; #68: 2.41an.
Deep: 2# 1: 0.88an; #48: 0.17an; #63: 0.16an; #65: 0.14an.

Lensia exeter: RMT1 Day: #33: 1.57an.
Night: 2# 8: 0.72an.
RMT8 Day: # 3: 0.34an; #33: 0.64an.
Night: #24: 0.35an; #61: 0.35an.

Lensia hostile: RMT1 Day: # 5: 0.78an; #26: 0.84an.
Night: #73: 0.73an; #23: 0.78an; #68: 1.46an.
Deep: 2# 1: 1.09an; 2# 2: 1.10an; 2# 3: 1.07an; 2# 5: 3.00an; 2# 6: 1.87an; 2#12: 0.36an; #55: 0.40an.
RMT8 Day: #27: 1.43an; #28: 0.72an.
Night: #61: 0.69an; #66: 0.32an; #67: 0.61an; #68: 1.03an.
Deep: 2# 1: 1.46an; 2#27: 0.17an.

Lensia panikkari: RMT1 Day: # 2: 2.98an.
Night: #22: 0.77an; #23: 0.78an; 2# 8: 0.72an.
RMT8 Day: # 1: 1.39an; # 2: 0.34an; #32: 5.82an.
Night: #22: 2.07an; #24: 0.70an.
Deep: #64: 0.14an.

Dimophyes arctica: RMT1 Deep: 2# 3: 0.71eb, 0.89eg; 2# 5: 0.14ec; 2# 6: 0.31an, 0.62eb, 0.62eg; 2#10: 0.77eg; 2#11: 0.20eb; #48: 0.18an; #55: 0.20eb, 0.20eg; #65: 0.19eb; 2#25: 0.19an; 2#26: 0.20ec; 2#27: 0.73eb, 0.73eg.
RMT8 Deep: 2# 4: 0.15eg; 2# 5: 0.11ec; #46: 0.15an; #63: 0.48an; #64: 0.14an; 2#25: 0.16eg.
See Tables 7.34-37 for other RMT1 and RMT8 data.

Chelophyes appendiculata: RMT1 Deep: 2# 3: 0.18eb.
RMT8 Day: #29: 0.32eb; #14: 0.34eb; #84: 0.32eb.
See Tables 7.17-18 for other RMT1 and RMT8 data.

Eudoxoides mitra: RMT1 Deep: 2# 2: 0.18an, 0.18pn; 2#10: 0.19an; #48: 0.18an, 0.18eb, 0.18eg; #47: 0.19an, 0.19eb, 0.19eg; #55: 0.20eb, 0.20eg; #65: 0.19an, 0.19pn, 0.19eb, 0.19eg; 2#27: 0.36an, 0.18pn, 0.18eb, 0.18eg.
RMT8 Deep: 2# 1: 0.15an; 2#10: 0.17eg; #48: 0.17an; #46: 0.30eb, 0.30eg; #54: 0.17eg; #55: 0.16eb, 0.16eg; #63: 0.48an; 2#25: 0.32an, 0.16eb, 0.16eg.
See Tables 7.13-16 for other RMT1 and RMT8 data.

Clausophyes ovata: RMT8 Deep: 2# 3: 0.17eb.
See Tables 7.38-41 for RMT8 and RMT1 data.

Clausophyes massiliana: RMT1 Deep: 2# 2: 1.47eb; 2# 3: 0.36an, 3.21eb; 2# 5: 0.27an; 2#27: 0.73eb, 0.73eg; #54: 0.38eb.
RMT8 Day: # 6: 0.69an, 0.34pn.
Night: #62: 0.62pn; #38: 0.74pn; #68: 0.69an.
Deep: 2# 1: 0.88an; 2# 2: 0.15an; 2# 3: 0.84an, 0.33pn; 2#25: 0.16an.

Chuniphyes multidentata: RMT1 Day: # 2: 0.81an; #32: 0.77an; #26: 1.68an; #27: 2.57an.
Night: #61: 0.77an, 0.77pn; #62: 0.77an; #38: 0.78an; #68: 1.46an.
Deep: 2# 1: 0.73an.
See Tables 7.42-44 for RMT8 data.

Chuniphyes spp.:	RMT1	Day:	# 2: 0.81eg; # 6: 1.45eg.
		Night:	#24: 0.74eg; #38: 0.78eg; #20: 1.41eg.
		Deep:	2# 1: 0.36eg; 2#10: 0.19eg; 2#11: 0.20eg; #48: 0.18eg; 2#25: 0.19eg.
Crystallophyes amygdalina:	RMT1	Deep:	2# 3: 0.36an; 2# 5: 0.27an, 0.27pn; 2# 6: 0.31an, 0.31pn; 2#12: 1.09an; 2#25: 0.36an; #64: 0.35an.
	RMT8	Deep:	2# 4: 0.30an.
Heteropyramis maculata:	RMT1	Day:	#30: 0.75eb; # 2: 0.81eb; 2# 8: 0.72eb; # 4: 0.74eb.
	RMT8	Day:	# 4: 0.34an.
		Deep:	#63: 0.16eb.
Thalassophyes crystallina:	RMT8	Day:	# 6: 0.34an.
		Night:	#38: 0.37eb.
Ceratocymba leuckarti:	RMT1	Day:	#30: 0.75an.
	RMT8	Day:	#33: 0.32eb.
		Night:	#38: 0.37eb, 0.37eg.
Ceratocymba dentata:	RMT8	Day:	#14: 0.34eg.
		Night:	#73: 0.59eb, 1.18eg; #74: 0.64eb, 1.28eg; #39: 0.62eg.
Ceratocymba sagittata:	RMT1	Day:	# 5: 0.78eg.
	RMT8	Deep:	2# 6: 0.15an; 2#12: 0.17an; 2#25: 0.17an.

See Tables 7.47-49 for other RMT1 and RMT8 data.

Abyla trigona:	RMT1	Night:	#39: 0.62an.
	RMT8	Day:	#29: 0.32an, 0.32eb; #30: 1.78an, 0.59pn, 0.88eb, 1.78eg; #14: 1.02an, 0.34pn.
		Night:	#73: 0.59an, 0.29pn; #39: 1.56an, 0.31pn.
Abylopsis tetragona:	RMT1	Day:	#13: 0.75eb.
	RMT8	Night:	#74: 0.31an, 0.64pn; #39: 1.25eb.
Abylopsis eschscholtzi:	RMT1	Deep:	2# 3: 0.18eb; 2# 4: 0.18ec; 2# 6: 0.16an, 0.16eg; 2#11: 0.40eb; #46: 0.18eg.
	RMT8	Deep:	2# 4: 0.45eb, 0.15eg; 2#12: 0.17eb; #46: 0.15an, 0.45eb, 0.30eg; #55: 0.16eb, 0.16eg; #63: 0.32eb, 0.32eg; #64: 0.14ec; #65: 0.18eb, 0.18eg; 2#25: 0.16an, 0.16eb, 0.16eg; 2#26: 0.16eb.

See Tables 7.50-53 for other RMT1 and RMT8 data.

Bassia bassensis:	RMT1	Deep:	2# 3: 0.18eb; 2#12: 0.18eb; #48: 0.36an, 0.18pn; #46: 0.37an, 0.18pn, 0.18eb; #55: 0.20ec; #56: 0.19ec; #64: 0.18eb; 2#25: 0.38an, 0.19eb; 2#26: 0.20an.
	RMT8	Deep:	2# 4: 0.15an, 0.60eb, 0.30eg; 2# 5: 0.11an, 0.11eb; 2# 6: 0.35eb; 2#10: 0.35eb; 2#12: 0.17pn; #46: 0.15eb; #65: 0.18an; 2#25: 0.16an, 0.16pn, 0.32eb, 0.49eg; 2#26: 0.16eg; 2#27: 0.17an, 0.17pn, 0.69eb, 0.17eg.

See Tables 7.54-57 for other RMT1 and RMT8 data.

Enneagonum hyalinum:	RMT1	Day:	#15: 0.75eb.
	RMT8	Day:	#33: 0.32eb, 0.64eg; # 5: 0.95eb; # 6: 1.37an, 0.69eb, 1.37eg; #15: 0.32eb, 0.65eg.
		Night:	#24: 0.70an, 0.35eg; #62: 0.62an, 0.94eb, 0.94eg; #38: 0.37an, 1.11eb, 0.74eg; #19: 0.77eb, 0.77eg; #20: 0.29eb, 0.29eg.
		Deep:	#65: 0.18eg; 2#27: 0.17eb, 0.17eg.

Abbreviations:
an. anterior nectophore; **b.**bract; **dn.** definitive nectophore; **eb.** eudoxid bract; **ec.** complete eudoxid; **eg.** eudoxid gonophore; **n.** nectophore; **p.** pneumatophore; **pn.** posterior nectophore; **vn.** vestigial nectophore; **w.** whole polygastric example.

Table 7.2

RMT8 hauls for: Hippopodius hippopus 0-1500m Day and Night Series

Nos. per 10,000cu m of water filtered

Day			Night		
Station	Depth ranges(m)	No. Nects.	Station	Depth ranges(m)	No. Nects.
11261#29	2 - 25	0.32	11261#73	0 - 25	64.18
#30	25 - 50	0.59	#74	25 - 50	44.62
#31	50 - 100	0.34	#75	50 - 100	31.64
#14	0 - 100	2.38	#39	0 - 100	49.96
#13	100 - 200	55.73	#40	100 - 200	0.0
#12	200 - 300	7.59	#41	200 - 300	2.05
# 1	300 - 400	3.47	#22	300 - 400	0.35
* # 2	400 - 500	0.34	#23	400 - 500	1.60
* #32	400 - 500	1.71	#24	500 - 600	0.35
* # 3	500 - 600	1.02	#61	600 - 700	1.04
* #33	500 - 600	0.64	#62	700 - 800	0.0
# 4	600 - 700	1.57	#38	800 - 895	0.37
# 5	700 - 800	0.0	#19	910 -1000	0.0
# 6	800 - 900	0.0	#20	1000 -1100	0.0
#15	900 -1000	0.0	#21	1100 -1200	0.0
#16	1000 -1100	0.0	#66	1200 -1300	0.0
#17	1100 -1200	0.0	#67	1300 -1400	0.61
#26	1200 -1300	0.0	#68	1400 -1520	0.0
#27	1300 -1400	0.0			
#28	1400 -1500	0.36			

Table 7.3

RMT8 hauls for Vogtia glabra 0-1500m Day and Night Series

Nos. per 10,000cu m of water filtered

Day			Night		
Station	Depth ranges(m)	No. Nects.	Station	Depth ranges(m)	No. Nects.
11261#29	2 - 25	0.32	11261#73	0 - 25	0.0
#30	25 - 50	0.89	#74	25 - 50	0.0
#31	50 - 100	0.0	#75	50 - 100	0.0
#14	0 - 100	0.68	#39	0 - 100	0.0
#13	100 - 200	8.18	#40	100 - 200	1.87
#12	200 - 300	20.14	#41	200 - 300	34.89
# 1	300 - 400	10.07	#22	300 - 400	13.47
* # 2	400 - 500	5.04	#23	400 - 500	4.48
* #32	400 - 500	23.61	#24	500 - 600	5.96
* # 3	500 - 600	3.07	#61	600 - 700	3.45
* #33	500 - 600	39.53	#62	700 - 800	2.81
# 4	600 - 700	3.46	#38	800 - 895	3.34
# 5	700 - 800	0.32	#19	910 -1000	0.77
# 6	800 - 900	1.37	#20	1000 -1100	0.29
#15	900 -1000	0.0	#21	1100 -1200	0.0
#16	1000 -1100	0.0	#66	1200 -1300	0.0
#17	1100 -1200	0.0	#67	1300 -1400	0.0
#26	1200 -1300	0.0	#68	1400 -1520	0.15
#27	1300 -1400	0.0			
#28	1400 -1500	0.0			

Table 17.3. RMT 8 decapod taxa occurring in relatively low numbers in the top 1500m day or night. Depth and numbers per 10,000 cu m of water filtered are indicated. Species are listed in approximate depth order.

Species	Day Depth (m) Nos.	Night Depth (m) Nos.
unidentified decapod larvae	2- 25 (1.58)	50- 100 (0.36)
	25- 50 (0.30)	0- 100 (0.94)
	50- 100 (0.34)	300- 400 (0.35)
	0- 100 (0.68)	500- 600 (0.35)
	200- 300 (0.88)	600- 700 (0.35)
	900-1000 (0.65)	910-1000 (0.77)
		1000-1100 (0.29)
		1200-1300 (3.54)
Gennadas sp. (P)	2- 25 (0.95)	0- 100 (0.31)
	50- 100 (0.34)	100- 200 (1.25)
		800- 895 (3.72)
		1300-1400 (0.30)
Sergestes splendens (P)	0- 100 (0.34)	50- 100 (1.07)
	600- 700 (0.31)	100- 200 (0.62)
	900-1000 (0.97)	200- 300 (0.68)
	1100-1200 (1.38)	1000-1100 (0.29)
		1100-1200 (0.35)
Sergestes sargassi (P)	400- 500 (0.34)	25- 50 (0.32)
	500- 600 (0.34)	500- 600 (0.35)
	500- 600 (1.28)	
	600- 700 (0.94)	
	900-1000 (0.32)	
	1100-1200 (0.34)	
Sergestes armatus (P)	500- 600 (0.68)	50- 100 (0.36)
	500- 600 (1.59)	
	600- 700 (0.63)	
	700- 800 (0.32)	
Sergestes cornutus (P)	400- 500 (0.34)	0- 100 (0.31)
	500- 600 (0.34)	
	500- 600 (0.32)	
Sergestes atlanticus	500- 600 (0.34)	50- 100 (0.36)
	600- 700 (0.31)	0- 100 (4.37)
	700- 800 (1.27)	200- 300 (1.71)
	1000-1100 (0.32)	700- 800 (0.31)
		800- 895 (0.37)
		1300-1400 (0.30)
Sergestes pectinatus (P)	500- 600 (1.59)	50- 100 (3.91)
	600- 700 (1.88)	
Sergestes henseni (P)	600- 700 (0.63)	300- 400 (0.35)
	900-1000 (0.65)	

Table 7.5

RMT8 hauls for Vogtia pentacantha 0-1500m Day and Night Series

Nos. per 10,000cu m of water filtered

Day			Night		
Station	Depth ranges(m)	No. Nects.	Station	Depth ranges(m)	No. Nects.
11261#29	2 - 25	0.0	11261#73	0 - 25	0.0
#30	25 - 50	0.0	#74	25 - 50	0.32
#31	50 - 100	0.34	#75	50 - 100	0.0
#14	0 - 100	0.0	#39	0 - 100	0.0
#13	100 - 200	0.0	#40	100 - 200	0.0
#12	200 - 300	0.0	#41	200 - 300	0.34
# 1	300 - 400	0.35	#22	300 - 400	0.0
* # 2	400 - 500	1.34	#23	400 - 500	5.45
* #32	400 - 500	4.11	#24	500 - 600	14.03
* # 3	500 - 600	10.59	#61	600 - 700	0.0
* #33	500 - 600	10.20	#62	700 - 800	0.0
# 4	600 - 700	0.0	#38	800 - 895	0.0
# 5	700 - 800	0.0	#19	910 -1000	0.0
# 6	800 - 900	0.0	#20	1000 -1100	0.0
#15	900 -1000	0.0	#21	1100 -1200	0.0
#16	1000 -1100	0.0	#66	1200 -1300	0.0
#17	1100 -1200	0.0	#67	1300 -1400	0.0
#26	1200 -1300	0.0	#68	1400 -1520	0.0
#27	1300 -1400	0.0			
#28	1400 -1500	0.0			

Table 7.6

RMT8 hauls for Vogtia serrata 0-1500m Day and Night Series

Nos. per 10,000cu m of water filtered

Day			Night		
Station	Depth ranges(m)	No. Nects.	Station	Depth ranges(m)	No. Nects.
11261#29	2 - 25	0.0	11261#73	0 - 25	0.0
#30	25 - 50	0.0	#74	25 - 50	0.0
#31	50 - 100	0.0	#75	50 - 100	0.0
#14	0 - 100	4.41	#39	0 - 100	0.0
#13	100 - 200	0.0	#40	100 - 200	0.0
#12	200 - 300	0.0	#41	200 - 300	0.0
# 1	300 - 400	0.0	#22	300 - 400	1.04
* # 2	400 - 500	3.36	#23	400 - 500	4.48
* #32	400 - 500	7.87	#24	500 - 600	15.78
* # 3	500 - 600	13.66	#61	600 - 700	14.51
* #33	500 - 600	32.52	#62	700 - 800	12.16
# 4	600 - 700	5.65	#38	800 - 895	0.0
# 5	700 - 800	0.0	#19	910 -1000	0.39
# 6	800 - 900	3.77	#20	1000 -1100	2.90
#15	900 -1000	3.89	#21	1100 -1200	1.05
#16	1000 -1100	6.30	#66	1200 -1300	0.0
#17	1100 -1200	3.78	#67	1300 -1400	0.0
#26	1200 -1300	2.39	#68	1400 -1520	0.34
#27	1300 -1400	0.0			
#28	1400 -1500	2.51			

Table 7.7

RMT1 hauls for: Eudoxoides spiralis 0-1500m Day Series

Nos. per 1000cu m of water filtered
Size Fraction (1.0-4.5 mm)

Station	Depth ranges(m)	Numbers of A.N.	P.N.	E.B.	E.G.
11261#29	2 - 25	2.98	-	3.73	0.75
#30	25 - 50	7.45	-	5.22	4.47
#31	50 - 100	26.09	-	11.60	18.12
#14	0 - 100	7.24	-	0.0	0.72
#13	100 - 200	197.21	-	3.01	6.77
#12	200 - 300	5.83	-	0.0	0.0
# 1	300 - 400	0.78	-	0.0	0.0
* # 2	400 - 500	8.14	-	0.0	0.81
* #32	400 - 500	5.40	-	0.0	0.0
* # 3	500 - 600	0.0	-	0.0	0.0
* #33	500 - 600	20.40	-	0.0	0.0
# 4	600 - 700	4.47	-	0.0	0.0
# 5	700 - 800	18.76	-	0.0	0.0
# 6	800 - 900	17.45	-	0.73	1.45
#15	900 -1000	3.01	-	0.0	0.0
#16	1000 -1100	11.67	-	0.0	0.0
#17	1100 -1200	38.77	-	0.0	0.0
#26	1200 -1300	94.90	-	0.0	0.0
#27	1300 -1400	110.69	-	0.0	0.0
#28	1400 -1500	33.21	-	0.0	0.0

Table 7.8

RMT1 hauls for: Eudoxoides spiralis 0-1500m Night Series

Nos. per 1000cu m of water filtered
Size Fraction (1.0-4.5 mm)

Station	Depth ranges(m)	Numbers of A.N.	P.N.	E.B.	E.G.
11261#73	0 - 25	10.22	-	4.38	7.30
#74	25 - 50	95.43	-	0.79	7.10
#75	50 - 100	227.39	-	4.50	15.01
#39	0 - 100	9.66	-	14.86	8.91
#40	100 - 200	132.43	-	0.0	3.08
#41	200 - 300	2.91	-	0.0	0.0
#22	300 - 400	0.0	-	0.0	0.0
#23	400 - 500	0.78	-	0.0	0.0
* #24	500 - 600	0.74	-	0.0	0.0
*11262#08	500 - 600	4.30	-	0.0	0.0
11261#61	600 - 700	3.10	-	0.0	0.0
* #37	700 - 800	8.67	-	0.0	0.0
* #62	700 - 800	3.09	-	0.0	0.0
#38	800 - 895	3.11	-	0.78	0.0
#19	910 -1000	13.18	-	2.47	0.0
#20	1000 -1110	16.88	-	0.70	0.0
#21	1100 -1200	45.84	-	0.0	0.0
#66	1200 -1300	68.33	-	0.0	0.0
#67	1300 -1400	42.41	-	0.0	0.0
#68	1400 -1520	17.56	-	0.0	1.46

Table 7.9

RMT1 hauls for: Eudoxoides spiralis Deep Midwater Series

Nos. per 1000cu m of water filtered
Size Fraction (1.0-4.5 mm)

Station	Depth ranges(m)	Numbers of A.N.	P.N.	E.B.	E.G.
11262#01	1500 -1910	0.91	-	0.0	0.18
# 2	1910 -2315	1.10	-	0.0	0.0
# 3	2310 -2700	1.96	-	0.53	0.89
# 4	2700 -3110	0.18	-	0.0	0.0
# 5	3110 -3500	0.95	-	0.0	0.0
# 6	3330 -3910	0.62	-	0.16	0.62
#10	3900 -4295	0.38	-	0.0	0.0
#11	4295 -4720	0.40	-	0.0	0.20
#12	4720 -5110	1.27	-	0.36	1.09
11261#48	5132 -5233	3.61	-	0.36	1.08
#47	5233 -5325	1.13	-	0.0	0.57
#46	5325 -5427	0.18	-	0.0	0.0
11261#54	5388 -5347(49-90mob)	0.57	-	0.0	0.0
#55	5388 -5415(24-55mob)	1.60	-	0.0	0.40
#56	5415 -5425(11-25mob)	0.38	-	0.0	0.0
#63	5345 -5385(48-90mob)	0.0	-	0.19	0.0
#64	5385 -5410(25-48mob)	0.70	-	0.18	0.53
#65	5410 -5430(11-31mob)	1.15	-	0.38	0.19
11262#25	5340 -5375(51-90mob)	0.57	-	0.94	1.50
#26	5375 -5415(25-51mob)	0.20	-	0.0	0.40
#27	5415 -5430(10-25mob)	1.28	-	0.36	1.28

Table 7.10

RMT8 hauls for: Eudoxoides spiralis 0-1500m Day Series

Nos. per 10,000cu m of water filtered

Station	Depth ranges(m)	Numbers of A.N.	P.N.	E.B.	E.G.
11261#29	2 - 25	7.26	-	0.0	0.63
#30	25 - 50	2.37	-	0.0	1.18
#31	50 - 100	4.42	-	0.0	0.0
#14	0 - 100	2.71	-	0.0	0.0
#13	100 - 200	12.12	-	0.0	0.0
#12	200 - 300	28.02	-	0.0	0.0
# 1	300 - 400	2.78	-	0.0	0.0
* # 2	400 - 500	0.34	-	0.0	0.0
* #32	400 - 500	6.84	-	0.0	0.34
* # 3	500 - 600	0.68	-	0.0	0.0
* #33	500 - 600	0.96	-	0.0	0.0
# 4	600 - 700	0.0	-	0.0	0.0
# 5	700 - 800	0.32	-	0.0	0.0
# 6	800 - 900	1.03	-	0.0	0.0
#15	900 -1000	3.57	-	0.0	0.0
#16	1000 -1100	0.95	-	0.0	0.0
#17	1100 -1200	3.78	-	0.0	0.0
#26	1200 -1300	68.14	-	0.0	0.0
#27	1300 -1400	6.80	-	0.0	0.0
#28	1400 -1500	2.15	-	0.0	0.0

Table 7.11

RMT8 hauls for: Eudoxoides spiralis 0-1500m Night Series

Nos. per 10,000cu m of water filtered

Station	Depth ranges (m)	Numbers of A.N.	P.N.	E.B.	E.G.
11261#73	0 - 25	22.67	-	0.0	0.0
#74	25 - 50	1.93	-	0.0	0.32
#75	50 - 100	17.42	-	0.0	0.36
#39	0 - 100	23.73	-	0.0	0.42
#40	100 - 200	4.06	-	0.0	0.0
#41	200 - 300	0.68	-	0.0	0.0
#22	300 - 400	2.07	-	0.0	0.0
#23	400 - 500	0.64	-	0.0	0.0
#24	500 - 600	0.70	-	0.0	0.0
#61	600 - 700	2.76	-	0.0	0.0
#62	700 - 800	1.25	-	0.0	0.0
#38	800 - 895	1.11	-	0.0	0.0
#19	910 -1000	7.73	-	0.0	0.0
#20	1000 -1100	1.45	-	0.0	0.0
#21	1100 -1200	2.10	-	0.0	0.0
#66	1200 -1300	74.92	-	0.0	0.0
#67	1300 -1400	4.25	-	0.0	0.0
#68	1400 -1520	4.13	-	0.0	0.0

Table 7.12

RMT8 hauls for: Eudoxoides spiralis Deep Midwater Series

Nos. per 10,000cu m of water filtered

Station	Depth ranges(m)	Numbers of A.N.	P.N.	E.B.	E.G.
11262#01	1500 -1910	1.61	-	0.0	0.0
# 2	1910 -2315	0.0	-	0.0	0.0
# 3	2310 -2700	0.17	-	0.0	0.0
# 4	2700 -3110	1.20	-	0.0	0.0
# 5	3110 -3500	0.11	-	0.0	0.0
# 6	3330 -3910	0.29	-	0.0	0.0
#10	3900 -4295	0.87	-	0.0	0.0
#11	4295 -4720	0.0	-	0.0	0.0
#12	4720 -5110	0.0	-	0.0	0.0
11261#48	5132 -5233	0.34	-	0.0	0.0
#47	5233 -5325	0.30	-	0.0	0.0
#46	5325 -5427	1.21	-	0.0	0.0
11261#54	5388 -5347(49-90mob)	0.34	-	0.0	0.0
#55	5388 -5415(24-55mob)	0.16	-	0.0	0.0
#56	5415 -5425(11-25mob)	0.0	-	0.0	0.0
#63	5345 -5385(48-90mob)	2.24	-	0.0	0.0
#64	5385 -5410(25-48mob)	0.28	-	0.0	0.0
#65	5410 -5430(11-31mob)	0.72	-	0.0	0.0
11262#25	5340 -5375(51-90mob)	3.57	-	0.0	0.97
#26	5375 -5415(25-51mob)	0.65	-	0.0	0.0
#27	5415 -5430(10-25mob)	0.0	-	0.0	0.0

Table 7.13

RMT1 hauls for: Eudoxoides mitra 0-1500m Day Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (1.0-4.5 mm) Numbers of A.N.	P.N.	E.B.	E.G.
11261#29	2 - 25	0.0	0.0	0.0	0.0
#30	25 - 50	0.0	0.0	0.0	0.0
#31	50 - 100	1.45	0.72	5.07	2.17
#14	0 - 100	2.17	0.0	1.45	1.45
#13	100 - 200	9.79	0.0	13.55	5.27
#12	200 - 300	8.75	0.0	0.73	0.0
# 1	300 - 400	0.0	0.0	0.0	0.0
* # 2	400 - 500	0.0	0.0	0.0	0.0
* #32	400 - 500	0.0	0.0	0.0	0.0
* # 3	500 - 600	0.0	0.0	0.0	0.0
* #33	500 - 600	0.0	0.0	0.0	0.78
# 4	600 - 700	0.0	0.0	0.0	0.0
# 5	700 - 800	0.0	0.0	0.78	0.0
# 6	800 - 900	0.0	0.0	1.45	0.0
#15	900 -1000	0.0	0.0	0.0	0.0
#16	1000 -1100	0.0	0.0	0.0	0.0
#17	1100 -1200	0.0	0.0	0.0	0.0
#26	1200 -1300	0.0	0.0	0.0	0.0
#27	1300 -1400	0.0	0.0	0.0	0.0
#28	1400 -1500	0.0	0.0	0.0	0.0

Table 7.14

RMT1 hauls for: Eudoxoides mitra 0-1500m Night Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (1.0-4.5 mm) Numbers of A.N.	P.N.	E.B.	E.G.
11261#73	0 - 25	8.76	8.03	0.0	0.0
#74	25 - 50	63.88	48.11	26.023	18.93
#75	50 - 100	77.30	77.30	92.31	45.03
#39	0 - 100	20.80	19.31	1.49	0.74
#40	100 - 200	28.48	28.48	26.94	16.16
#41	200 - 300	0.0	0.0	0.0	0.0
#22	300 - 400	0.0	0.0	0.0	0.0
#23	400 - 500	0.0	0.0	0.0	0.0
* #24	500 - 600	0.0	0.0	0.0	0.74
*11262#08	500 - 600	0.0	0.0	0.0	0.0
11261#61	600 - 700	0.0	0.0	0.0	0.0
* #37	700 - 800	0.0	0.0	0.87	0.87
* #62	700 - 800	0.0	0.0	0.0	0.0
#38	800 - 895	0.0	0.0	0.78	0.78
#19	910 -1000	1.65	0.82	0.82	0.0
#20	1000 -1110	0.0	0.70	0.0	0.0
#21	1100 -1200	0.0	0.0	0.74	0.0
#66	1200 -1300	0.0	0.0	0.0	0.0
#67	1300 -1400	0.0	0.0	0.0	0.0
#68	1400 -1520	0.0	0.0	0.0	0.0

Table 7.15

RMT8 hauls for: Eudoxoides mitra 0-1500m Day Series

Nos. per 10,000cu m of water filtered

Station	Depth ranges(m)	Numbers of A.N.	P.N.	E.B.	E.G.
11261#29	2 - 25	0.32	0.0	0.0	0.0
#30	25 - 50	0.0	0.0	0.30	0.30
#31	50 - 100	0.0	0.0	0.0	0.0
#14	0 - 100	0.68	0.34	0.0	0.0
#13	100 - 200	3.94	0.0	0.0	0.0
#12	200 - 300	114.69	8.46	9.05	19.55
# 1	300 - 400	0.0	0.0	0.0	0.0
* # 2	400 - 500	0.0	0.0	0.0	0.0
* #32	400 - 500	0.0	0.0	0.0	1.03
* # 3	500 - 600	0.0	0.0	0.0	0.0
* #33	500 - 600	0.32	0.0	0.0	0.0
# 4	600 - 700	0.0	0.31	0.31	0.31
# 5	700 - 800	0.0	0.0	0.0	0.0
# 6	800 - 900	0.34	0.0	0.0	0.0
#15	900 -1000	0.65	0.0	0.0	0.32
#16	1000 -1100	0.0	0.0	0.0	0.0
#17	1100 -1200	1.38	0.0	0.0	0.34
#26	1200 -1300	0.40	0.0	0.0	0.0
#27	1300 -1400	0.0	0.0	0.0	0.0
#28	1400 -1500	0.0	0.0	0.0	0.0

Table 7.16

RMT8 hauls for: Eudoxoides mitra 0-1500m Night Series

Nos. per 10,000cu m of water filtered

Station	Depth ranges (m)	Numbers of A.N.	P.N.	E.B.	E.G.
11261#73	0 - 25	64.18	2.06	2.06	4.02
#74	25 - 50	10.91	0.64	0.0	0.0
#75	50 - 100	14.93	0.0	3.20	5.33
#39	0 - 100	98.04	5.62	11.86	14.36
#40	100 - 200	0.94	0.0	0.0	0.62
#41	200 - 300	0.34	0.0	0.0	0.0
#22	300 - 400	0.69	0.35	0.0	0.0
#23	400 - 500	0.0	0.0	0.0	0.32
#24	500 - 600	0.35	0.0	0.0	0.35
#61	600 - 700	0.0	0.0	0.0	1.04
#62	700 - 800	0.0	0.0	0.0	0.0
#38	800 - 895	0.0	0.0	0.0	0.37
#19	910 -1000	0.0	0.0	0.0	0.0
#20	1000 -1100	0.0	0.0	0.0	0.0
#21	1100 -1200	0.0	0.0	0.0	0.0
#66	1200 -1300	0.0	0.0	0.0	0.32
#67	1300 -1400	0.30	0.0	0.0	0.0
#68	1400 -1520	0.69	0.0	0.0	0.0

Table 7.17

RMT1 hauls for Chelophyes appendiculata 0-1500m Day and Night Series

Nos. per 1,000cu m of water filtered (1.0-4.5 mm Fraction)

Day				Night			
Series	Depth ranges (m)	Number A.N.	P.N.	Series	Depth ranges (m)	Number A.N.	P.N.
#29	2 - 25	13.42	2.24	#73	0 - 25	16.07	2.92
#30	25 - 50	8.94	1.49	#74	25 - 50	10.25	4.73
#31	50 - 100	5.80	2.90	#75	50 - 100	9.01	3.00
#14	0 - 100	15.21	7.96	#39	0 - 100	6.69	5.94
#13	100 - 200	7.55	0.0	#40	100 - 200	1.54	0.77
#12	200 - 300	1.46	0.73	#41	200 - 300	0.0	0.0
# 1	300 - 400	0.0	0.0	#22	300 - 400	0.0	0.0
*# 2	400 - 500	0.0	0.0	#23	400 - 500	0.0	0.0
*#32	400 - 500	0.0	0.0	#24	500 - 600	0.0	0.0
*# 3	500 - 600	0.0	0.0	#08	600 - 700	0.0	0.0
*#33	500 - 600	0.0	0.0	#61	600 - 700	0.0	0.0
# 4	600 - 700	0.0	0.0	#37	700 - 800	0.0	0.0
# 5	700 - 800	0.0	0.0	#62	700 - 800	0.0	0.0
# 6	800 - 900	0.0	0.0	#38	800 - 895	0.0	0.0
#15	900 -1000	0.0	0.0	#19	910 -1000	0.82	0.82
#16	1000 -1100	0.0	0.0	#20	1000 -1110	0.0	0.0
#17	1100 -1200	0.0	0.0	#21	1100 -1200	0.74	0.0
#26	1200 -1300	0.0	0.0	#66	1200 -1300	0.0	0.0
#27	1300 -1400	0.0	0.0	#67	1300 -1400	0.0	0.0
#28	1400 -1500	0.75	0.0	#68	1400 -1520	0.73	0.0

Table 7.18

RMT8 hauls for Chelophyes appendiculata 0-1500m Day and Night Series

Nos. per 10,000cu m of water filtered

Day				Night			
Series	Depth ranges (m)	Number A.N.	P.N.	Series	Depth ranges (m)	Number A.N.	P.N.
#29	2 - 25	5.36	0.0	#73	0 - 25	108.34	16.49
#30	25 - 50	12.43	5.03	#74	25 - 50	13.48	4.81
#31	50 - 100	32.62	19.03	#75	50 - 100	22.76	4.27
#14	0 - 100	58.02	36.30	#39	0 - 100	71.19	30.29
#13	100 - 200	15.14	4.85	#40	100 - 200	0.31	0.0
#12	200 - 300	4.09	0.29	#41	200 - 300	0.68	0.68
# 1	300 - 400	6.94	4.86	#22	300 - 400	1.73	0.69
*# 2	400 - 500	0.0	0.0	#23	400 - 500	0.32	0.32
*#32	400 - 500	0.34	0.68	#24	500 - 600	0.70	0.70
*# 3	500 - 600	0.34	0.34	#61	600 - 700	0.0	0.0
*#33	500 - 600	0.0	0.0	#62	700 - 800	0.62	0.0
# 4	600 - 700	0.63	0.0	#38	800 - 895	0.0	0.0
# 5	700 - 800	0.0	0.0	#19	910 -1000	0.39	0.39
# 6	800 - 900	0.0	0.0	#20	1000 -1100	0.0	0.0
#15	900 -1000	0.0	0.0	#21	1100 -1200	0.0	0.0
#16	1000 -1100	0.32	0.32	#66	1200 -1300	0.64	0.32
#17	1100 -1200	0.0	0.0	#67	1300 -1400	0.61	0.0
#26	1200 -1300	0.0	0.0	#68	1400 -1520	0.34	0.0
#27	1300 -1400	0.36	0.0				
#28	1400 -1500	0.0	0.0				

Table 7.19

RMT1 hauls for Diphyes dispar 0-1500m Day and Night Series

Nos. per 1,000cu m of water filtered (1.0-4.5 mm Fraction)

Day				Night			
Series	Depth ranges (m)	Number A.N.	P.N.	Series	Depth ranges (m)	Number A.N.	P.N.
#29	2 - 25	18.64	2.24	#73	0 - 25	1.46	0.73
#30	25 - 50	13.41	1.49	#74	25 - 50	0.0	0.0
#31	50 - 100	0.72	0.72	#75	50 - 100	0.0	0.0
#14	0 - 100	23.17	2.90	#39	0 - 100	1.49	0.0
#13	100 - 200	3.01	0.0	#40	100 - 200	0.0	0.0
#12	200 - 300	0.0	0.0	#41	200 - 300	0.0	0.0
# 1	300 - 400	0.0	0.0	#22	300 - 400	0.77	0.0
*# 2	400 - 500	0.0	0.0	#23	400 - 500	0.0	0.0
*#32	400 - 500	0.0	0.0	#24	500 - 600	0.0	0.0
*# 3	500 - 600	0.0	0.0	#08	600 - 700	0.0	0.0
*#33	500 - 600	0.0	0.0	#61	600 - 700	0.0	0.0
# 4	600 - 700	0.74	0.0	#37	700 - 800	0.0	0.0
# 5	700 - 800	0.78	0.0	#62	700 - 800	0.0	0.0
# 6	800 - 900	0.0	0.0	#38	800 - 895	0.0	0.0
#15	900 -1000	0.0	0.0	#19	910 -1000	0.0	0.0
#16	1000 -1100	0.0	0.0	#20	1000 -1110	0.0	0.0
#17	1100 -1200	0.0	0.0	#21	1100 -1200	0.0	0.0
#26	1200 -1300	0.84	0.0	#66	1200 -1300	0.0	0.0
#27	1300 -1400	0.0	0.0	#67	1300 -1400	0.0	0.0
#28	1400 -1500	0.0	0.0	#68	1400 -1520	0.0	0.0

Table 7.20

RMT8 hauls for: Diphyes dispar 0-1500m Day Series

Nos. per 10,000cu m of water filtered

Station	Depth ranges(m)	Numbers of A.N.	P.N.	E.B.	E.G.
11261#29	2 - 25	28.08	0.95	1.26	0.95
#30	25 - 50	55.03	7.10	1.18	1.18
#31	50 - 100	1.36	1.36	0.34	0.34
#14	0 - 100	73.97	8.82	2.38	2.38
#13	100 - 200	4.54	4.24	0.0	0.0
#12	200 - 300	1.17	0.58	0.0	0.0
# 1	300 - 400	0.0	0.35	0.35	0.69
* # 2	400 - 500	0.0	0.0	0.0	0.0
* #32	400 - 500	0.0	0.0	1.03	0.34
* # 3	500 - 600	0.0	0.0	0.0	0.0
* #33	500 - 600	0.0	0.0	0.0	0.0
# 4	600 - 700	0.0	0.0	0.31	0.0
# 5	700 - 800	0.0	0.0	0.0	0.0
# 6	800 - 900	0.34	0.0	0.0	0.0
#15	900 -1000	0.0	0.0	0.0	0.0
#16	1000 -1100	0.0	0.0	0.0	0.0
#17	1100 -1200	0.0	0.0	0.0	0.0
#26	1200 -1300	0.40	0.0	0.0	0.0
#27	1300 -1400	0.36	0.0	0.0	0.0
#28	1400 -1500	1.07	0.0	0.36	0.36

Table 7.21

RMT8 hauls for: Diphyes dispar 0-1500m Night Series

Nos. per 10,000cu m of water filtered

Station	Depth ranges (m)	Numbers of A.N.	P.N.	E.B.	E.G.
11261#73	0 - 25	10.30	9.15	23.55	18.84
#74	25 - 50	3.85	4.49	0.64	1.28
#75	50 - 100	1.42	1.78	0.36	0.36
#39	0 - 100	13.11	4.68	6.24	9.05
#40	100 - 200	0.31	0.0	0.0	0.0
#41	200 - 300	0.0	0.0	0.0	0.0
#22	300 - 400	0.0	0.0	0.0	0.0
#23	400 - 500	0.0	0.0	0.0	0.0
#24	500 - 600	0.70	0.0	0.35	0.70
#61	600 - 700	0.0	0.0	0.35	0.35
#62	700 - 800	0.31	0.0	0.0	0.0
#38	800 - 895	0.37	0.0	0.0	0.0
#19	910 -1000	0.0	0.0	1.16	1.16
#20	1000 -1100	0.0	0.0	0.29	0.0
#21	1100 -1200	0.70	0.35	0.0	0.0
#66	1200 -1300	0.64	0.0	0.32	0.32
#67	1300 -1400	0.0	0.0	0.30	0.0
#68	1400 -1520	0.34	0.0	0.0	0.0

Table 7.22

RMT1 hauls for Lensia multicristata 0-1500m Day and Night Series

Nos. per 1,000cu m of water filtered (1.0-4.5 mm Fraction)

Day				Night			
Series	Depth ranges (m)	Number A.N.	P.N.	Series	Depth ranges (m)	Number A.N.	P.N.
#29	2 - 25	0.0	0.0	#73	0 - 25	0.0	0.0
#30	25 - 50	0.0	0.0	#74	25 - 50	0.0	0.0
#31	50 - 100	0.0	0.0	#75	50 - 100	0.0	0.0
#14	0 - 100	0.0	0.0	#39	0 - 100	0.0	0.0
#13	100 - 200	0.0	0.0	#40	100 - 200	0.0	0.0
#12	200 - 300	0.0	0.0	#41	200 - 300	0.0	0.0
# 1	300 - 400	4.66	0.0	#22	300 - 400	1.55	0.77
*# 2	400 - 500	14.65	3.26	#23	400 - 500	17.62	0.32
*#32	400 - 500	13.11	0.0	#24	500 - 600	0.0	0.0
*# 3	500 - 600	0.0	0.0	#08	600 - 700	0.0	0.0
*#33	500 - 600	1.57	0.0	#61	600 - 700	0.0	0.0
# 4	600 - 700	0.0	0.0	#37	700 - 800	0.0	0.0
# 5	700 - 800	0.0	0.0	#62	700 - 800	0.0	0.0
# 6	800 - 900	1.45	0.73	#38	800 - 895	1.56	0.0
#15	900 -1000	0.0	0.0	#19	910 -1000	0.0	0.0
#16	1000 -1100	1.56	0.0	#20	1000 -1110	0.0	0.0
#17	1100 -1200	0.73	0.0	#21	1100 -1200	1.48	0.0
#26	1200 -1300	0.0	0.0	#66	1200 -1300	0.0	0.0
#27	1300 -1400	0.0	0.0	#67	1300 -1400	0.0	0.0
#28	1400 -1500	0.0	0.0	#68	1400 -1520	0.0	0.0

Table 7.23

RMT1 hauls for: Lensia multicristata Deep Midwater Series

Nos. per 1000cu m of water filtered
Size Fraction (1.0-4.5 mm)

Station	Depth ranges(m)	Numbers of A.N.	P.N.
11262#01	1500 -1910	0.0	0.0
# 2	1910 -2315	0.0	0.0
# 3	2310 -2700	0.36	0.0
# 4	2700 -3110	0.0	0.0
# 5	3110 -3500	0.14	0.0
# 6	3330 -3910	0.16	0.0
#10	3900 -4295	0.0	0.0
#11	4295 -4720	0.0	0.0
#12	4720 -5110	0.36	0.0
11261#48	5132 -5233	0.18	0.0
#47	5233 -5325	0.38	0.0
#46	5325 -5427	0.0	0.0
11261#54	5388 -5347(49-90mob)	0.0	0.0
#55	5388 -5415(24-55mob)	0.20	0.0
#56	5415 -5425(11-25mob)	0.0	0.0
#63	5345 -5385(48-90mob)	0.0	0.0
#64	5385 -5410(25-48mob)	0.0	0.0
#65	5410 -5430(11-31mob)	0.0	0.0
11262#25	5340 -5375(51-90mob)	0.0	0.0
#26	5375 -5415(25-51mob)	0.0	0.0
#27	5415 -5430(10-25mob)	0.18	0.0

Table 7.24

RMT8 hauls for Lensia multicristata 0-1500m Day and Night Series

Nos. per 10,000cu m of water filtered

Day				Night			
Series	Depth ranges (m)	Number A.N.	P.N.	Series	Depth ranges (m)	Number A.N.	P.N.
#29	2 - 25	0.0	0.0	#73	0 - 25	0.0	0.0
#30	25 - 50	0.30	0.0	#74	25 - 50	0.0	0.0
#31	50 - 100	0.0	0.0	#75	50 - 100	0.0	0.0
#14	0 - 100	0.0	0.0	#39	0 - 100	0.31	0.0
#13	100 - 200	0.0	0.0	#40	100 - 200	0.0	0.0
#12	200 - 300	0.0	0.0	#41	200 - 300	0.0	0.0
# 1	300 - 400	93.06	0.35	#22	300 - 400	34.90	0.35
*# 2	400 - 500	8.74	0.0	#23	400 - 500	17.62	0.32
*#32	400 - 500	64.66	1.71	#24	500 - 600	0.0	0.0
*# 3	500 - 600	0.68	0.34	#61	600 - 700	0.35	0.0
*#33	500 - 600	0.64	0.0	#62	700 - 800	0.0	0.0
# 4	600 - 700	0.31	0.31	#38	800 - 895	1.11	0.0
# 5	700 - 800	0.0	0.0	#19	910 -1000	3.09	0.0
# 6	800 - 900	0.69	1.03	#20	1000 -1100	1.74	0.29
#15	900 -1000	2.27	0.65	#21	1100 -1200	2.10	0.35
#16	1000 -1100	0.63	0.0	#66	1200 -1300	3.86	0.96
#17	1100 -1200	1.72	1.03	#67	1300 -1400	0.0	0.0
#26	1200 -1300	3.98	1.20	#68	1400 -1520	0.0	0.0
#27	1300 -1400	0.0	0.36				
#28	1400 -1500	0.0					

Table 7.25

RMT8 hauls for: Lensia multicristata Deep Midwater Series

Nos. per 10,000cu m of water filtered

Station	Depth ranges(m)	Numbers of A.N.	P.N.
11262#01	1500 -1910	0.15	0.0
# 2	1910 -2315	0.0	0.0
# 3	2310 -2700	0.0	0.0
# 4	2700 -3110	0.0	0.0
# 5	3110 -3500	0.0	0.0
# 6	3330 -3910	0.15	0.0
#10	3900 -4295	0.0	0.0
#11	4295 -4720	0.0	0.0
#12	4720 -5110	0.17	0.0
11261#48	5132 -5233	0.0	0.0
#47	5233 -5325	0.0	0.0
#46	5325 -5427	0.0	0.0
11261#54	5388 -5347(49-90mob)	0.0	0.0
#55	5388 -5415(24-55mob)	0.0	0.0
#56	5415 -5425(11-25mob)	0.0	0.0
#63	5345 -5385(48-90mob)	0.16	0.32
#64	5385 -5410(25-48mob)	0.0	0.0
#65	5410 -5430(11-31mob)	0.18	0.0
11262#25	5340 -5375(51-90mob)	0.32	0.0
#26	5375 -5415(25-51mob)	0.0	0.0
#27	5415 -5430(10-25mob)	0.17	0.0

Table 7.26

KMT1 hauls for: Lensia fowleri 0-1500m Day and Night Series

Nos. per 1,000cu m of water filtered (1.0-4.5 mm Fraction)

Day			Night		
Station	Depth ranges (m)	Nos. A.N.	Station	Depth ranges (m)	Nos. A.N.
11261#29	2 - 25	0.0	11261#73	0 - 25	0.0
#30	25 - 50	0.0	#74	25 - 50	0.0
#31	50 - 100	0.0	#75	50 - 100	0.0
#14	0 - 100	0.0	#39	0 - 100	2.23
#13	100 - 200	10.54	#40	100 - 200	21.55
#12	200 - 300	0.73	#41	200 - 300	0.73
# 1	300 - 400	0.0	#22	300 - 400	0.0
* # 2	400 - 500	0.0	#23	400 - 500	0.0
* #32	400 - 500	0.0	#24	500 - 600	0.0
* # 3	500 - 600	0.0	11262#08	600 - 700	0.0
* #33	500 - 600	0.0	11261#61	600 - 700	0.0
# 4	600 - 700	0.0	#37	700 - 800	0.0
# 5	700 - 800	0.0	#62	700 - 800	0.0
# 6	800 - 900	0.0	#38	800 - 895	0.0
#15	900 -1000	0.0	#19	910 -1000	0.0
#16	1000 -1100	0.0	#20	1000 -1110	0.0
#17	1100 -1200	0.0	#21	1100 -1200	0.0
#26	1200 -1300	0.0	#66	1200 -1300	0.0
#27	1300 -1400	0.0	#67	1300 -1400	0.0
#28	1400 -1500	0.0	#68	1400 -1520	0.0

Table 7.27

RMT8 hauls for: Lensia fowleri 0-1500m Day and Night Series

Nos. per 10,000cu m of water filtered

Day			Night		
Station	Depth ranges(m)	No. A.N.	Station	Depth ranges(m)	No. P.N.
11261#29	2 - 25	0.0	11261#73	0 - 25	0.29
#30	25 - 50	0.0	#74	25 - 50	0.0
#31	50 - 100	0.0	#75	50 - 100	0.0
#14	0 - 100	0.34	#39	0 - 100	1.87
#13	100 - 200	3.03	#40	100 - 200	0.94
#12	200 - 300	18.97	#41	200 - 300	1.71
# 1	300 - 400	0.69	#22	300 - 400	0.35
* # 2	400 - 500	0.0	#23	400 - 500	0.0
* #32	400 - 500	0.0	#24	500 - 600	0.0
* # 3	500 - 600	0.0	#61	600 - 700	0.35
* #33	500 - 600	0.0	#62	700 - 800	0.0
# 4	600 - 700	0.0	#38	800 - 895	0.0
# 5	700 - 800	0.0	#19	910 -1000	0.0
# 6	800 - 900	0.0	#20	1000 -1100	0.0
#15	900 -1000	0.0	#21	1100 -1200	0.0
#16	1000 -1100	0.32	#66	1200 -1300	0.32
#17	1100 -1200	0.0	#67	1300 -1400	0.0
#26	1200 -1300	0.40	#68	1400 -1520	0.0
#27	1300 -1400	0.0			
#28	1400 -1500	0.0			

Table 7.28

RMT1 hauls for: Lensia spp. 0-1500m Day Series

Nos. per 1000cu m of water filtered
Size Fraction (1.0-4.5 mm)

Station	Depth ranges(m)	Numbers of A.N.	P.N.	E.B.	E.G.
11261#29	2 - 25	0.0	0.0	0.0	0.0
#30	25 - 50	0.0	0.0	0.75	0.0
#31	50 - 100	0.0	0.0	0.0	0.0
#14	0 - 100	0.0	0.0	0.0	0.0
#13	100 - 200	1.51	0.0	0.0	0.0
#12	200 - 300	0.73	0.0	0.0	0.0
# 1	300 - 400	0.0	0.0	0.0	0.0
* # 2	400 - 500	0.81	0.0	0.0	0.0
* #32	400 - 500	0.77	0.0	0.0	0.0
* # 3	500 - 600	0.0	0.0	0.0	0.0
* #33	500 - 600	0.0	0.0	0.0	0.0
# 4	600 - 700	0.0	0.0	0.0	0.0
# 5	700 - 800	0.0	0.0	0.0	0.0
# 6	800 - 900	2.18	0.0	0.73	0.0
#15	900 -1000	0.0	0.0	0.0	0.0
#16	1000 -1100	0.0	0.0	0.0	0.0
#17	1100 -1200	0.0	0.0	0.73	0.0
#26	1200 -1300	0.0	0.0	0.0	0.0
#27	1300 -1400	0.0	0.0	0.0	0.0
#28	1400 -1500	0.0	0.0	0.0	0.0

Table 7.29

RMT1 hauls for: Lensia spp. 0-1500m Night Series

Nos. per 1000cu m of water filtered
Size Fraction (1.0-4.5 mm)

Station	Depth ranges(m)	Numbers of A.N.	P.N.	E.B.	E.G.
11261#73	0 - 25	0.0	0.0	0.0	0.0
#74	25 - 50	0.0	0.0	0.0	0.0
#75	50 - 100	0.0	0.0	0.0	0.0
#39	0 - 100	0.0	0.0	0.0	0.0
#40	100 - 200	3.08	0.0	0.0	0.0
#41	200 - 300	0.0	0.0	0.0	0.0
#22	300 - 400	0.0	0.0	0.0	0.0
#23	400 - 500	0.0	0.0	0.0	0.0
* #24	500 - 600	0.0	0.0	0.0	0.0
*11262#08	500 - 600	0.0	0.0	0.0	0.0
11261#61	600 - 700	0.0	0.0	0.0	0.0
* #37	700 - 800	0.0	0.0	0.0	0.0
* #62	700 - 800	0.0	0.0	0.0	0.0
#38	800 - 895	0.0	0.0	0.78	0.0
#19	910 -1000	0.0	0.0	0.0	0.0
#20	1000 -1110	0.0	0.0	0.70	0.0
#21	1100 -1200	0.0	0.0	0.0	0.0
#66	1200 -1300	0.0	0.0	0.0	0.0
#67	1300 -1400	0.0	0.0	0.76	0.0
#68	1400 -1520	0.0	0.0	0.73	0.73

Table 7.30

RMT1 hauls for: Lenisa spp. Deep Midwater Series

Nos. per 1000cu m of water filtered
Size Fraction (1.0-4.5 mm)

Station	Depth ranges(m)	Numbers of A.N.	P.N.	E.B.	E.G.
11262#01	1500 -1910	0.0	0.0	0.0	0.0
# 2	1910 -2315	0.0	0.0	0.0	0.0
# 3	2310 -2700	0.18	0.36	0.53	0.18
# 4	2700 -3110	0.0	0.0	0.0	0.0
# 5	3110 -3500	0.14	0.0	0.0	0.0
# 6	3330 -3910	0.0	0.0	0.62	0.0
#10	3900 -4295	0.19	0.0	0.0	0.0
#11	4295 -4720	0.40	0.20	0.20	0.0
#12	4720 -5110	0.36	0.0	0.0	0.0
11261#48	5132 -5233	0.54	0.0	0.0	0.0
#47	5233 -5325	0.0	0.0	0.0	0.0
#46	5325 -5427	0.18	0.0	0.0	0.0
11261#54	5388 -5347(49-90mob)	0.0	0.0	0.0	0.57
#55	5388 -5415(24-55mob)	0.40	0.0	0.60	0.40
#56	5415 -5425(11-25mob)	0.0	0.0	0.56	0.38
#63	5345 -5385(48-90mob)	0.0	0.0	0.0	0.19
#64	5385 -5410(25-48mob)	0.0	0.0	0.18	0.53
#65	5410 -5430(11-31mob)	0.19	0.0	0.19	3.24
11262#25	5340 -5375(51-90mob)	0.0	0.0	0.0	0.0
#26	5375 -5415(25-51mob)	0.20	0.0	0.40	0.40
#27	5415 -5430(10-25mob)	0.0	0.0	0.18	0.0

Table 7.31

RMT8 hauls for: Lensia spp. 0-1500m Day Series

Nos. per 10,000cu m of water filtered

Station	Depth ranges(m)	Numbers of A.N.	P.N.	E.B.	E.G.
11261#29	2 - 25	0.0	0.0	0.0	0.0
#30	25 - 50	0.0	0.0	0.59	0.0
#31	50 - 100	0.0	0.0	0.0	0.0
#14	0 - 100	0.0	0.0	0.0	0.0
#13	100 - 200	0.0	0.0	0.0	0.0
#12	200 - 300	0.88	0.0	0.0	0.0
# 1	300 - 400	0.0	0.0	0.35	0.35
* # 2	400 - 500	0.0	0.0	0.0	0.0
* #32	400 - 500	0.0	0.34	0.0	1.03
* # 3	500 - 600	0.0	0.0	0.0	0.0
* #33	500 - 600	0.0	0.0	0.0	0.0
# 4	600 - 700	0.0	0.0	0.0	0.0
# 5	700 - 800	0.0	0.0	0.0	0.0
# 6	800 - 900	0.0	0.0	0.0	0.0
#15	900 -1000	0.65	0.0	0.0	0.0
#16	1000 -1100	0.0	0.0	0.0	0.63
#17	1100 -1200	0.0	0.0	0.34	0.0
#26	1200 -1300	0.0	0.0	0.0	2.79
#27	1300 -1400	0.0	0.0	0.72	0.0
#28	1400 -1500	0.0	0.0	0.0	0.36

Table 7.32

RMT8 hauls for: Lensia spp. 0-1500m Night Series

Nos. per 10,000cu m of water filtered

Station	Depth ranges (m)	Numbers of A.N.	P.N.	E.B.	E.G.
11261#73	0 - 25	0.0	0.0	0.0	0.0
#74	25 - 50	0.0	0.0	0.0	0.0
#75	50 - 100	0.0	0.0	0.0	0.0
#39	0 - 100	0.0	0.0	0.0	0.0
#40	100 - 200	0.31	0.0	0.0	0.0
#41	200 - 300	0.0	0.0	0.0	0.0
#22	300 - 400	1.04	0.35	0.35	1.04
#23	400 - 500	0.0	0.0	0.0	0.0
#24	500 - 600	0.0	0.0	0.0	0.0
#61	600 - 700	0.0	0.0	0.0	0.0
#62	700 - 800	0.0	0.0	0.0	0.0
#38	800 - 895	0.0	0.0	0.0	0.0
#19	910 -1000	0.0	0.0	0.0	0.0
#20	1000 -1100	0.0	0.0	0.0	0.0
#21	1100 -1200	0.0	0.0	0.0	0.0
#66	1200 -1300	0.32	0.0	0.0	0.0
#67	1300 -1400	0.0	0.0	0.0	0.0
#68	1400 -1520	0.0	0.0	0.0	0.0

Table 7.33

RMT8 hauls for: Lensia spp. Deep Midwater Series

Nos. per 10,000cu m of water filtered

Station	Depth ranges(m)	Numbers of A.N.	P.N.	E.B.	E.G.
11262#01	1500 -1910	0.0	0.0	0.29	0.15
# 2	1910 -2315	0.0	0.0	0.0	0.0
# 3	2310 -2700	0.0	0.33	0.0	0.0
# 4	2700 -3110	0.15	0.60	0.30	0.30
# 5	3110 -3500	0.0	0.0	0.0	0.0
# 6	3330 -3910	0.0	0.0	0.0	0.0
#10	3900 -4295	0.17	0.17	0.0	0.0
#11	4295 -4720	0.0	0.0	0.0	0.0
#12	4720 -5110	0.0	0.0	0.0	0.0
11261#48	5132 -5233	0.0	0.0	0.0	0.0
#47	5233 -5325	0.0	0.0	0.0	0.0
#46	5325 -5427	0.0	0.0	0.0	0.0
11261#54	5388 -5347(49-90mob)	0.0	0.0	0.0	0.0
#55	5388 -5415(24-55mob)	0.0	0.0	0.0	0.0
#56	5415 -5425(11-25mob)	0.0	0.0	0.0	0.0
#63	5345 -5385(48-90mob)	0.16	0.0	0.16	0.0
#64	5385 -5410(25-48mob)	0.0	0.0	0.0	0.0
#65	5410 -5430(11-31mob)	0.0	0.0	0.0	0.0
11262#25	5340 -5375(51-90mob)	0.0	0.16	0.0	0.0
#26	5375 -5415(25-51mob)	0.0	0.0	0.0	0.0
#27	5415 -5430(10-25mob)	0.0	0.17	0.0	0.0

Table 7.34

RMT1 hauls for: Dimophyes arctica 0-1500m Day Series

Nos. per 1000cu m of water filtered
Size Fraction (1.0-4.5 mm)

Station	Depth ranges(m)	Numbers of A.N.	P.N.	E.B.	E.G.
11261#29	2 - 25	0.0	0.0	0.0	0.0
#30	25 - 50	0.0	0.0	0.0	0.0
#31	50 - 100	0.0	0.0	0.0	0.0
#14	0 - 100	0.0	0.0	0.0	0.0
#13	100 - 200	0.0	0.0	0.0	0.0
#12	200 - 300	0.73	0.0	0.0	0.0
# 1	300 - 400	0.0	0.0	0.0	0.0
* # 2	400 - 500	0.0	0.0	3.26	3.26
* #32	400 - 500	0.0	0.0	0.0	0.0
* # 3	500 - 600	0.0	0.0	0.0	0.0
* #33	500 - 600	0.0	0.0	0.78	1.57
# 4	600 - 700	0.0	0.0	0.0	0.0
# 5	700 - 800	0.78	0.0	0.0	0.0
# 6	800 - 900	0.0	0.0	0.0	0.0
#15	900 -1000	0.0	0.0	0.0	0.0
#16	1000 -1100	0.0	0.0	0.0	0.0
#17	1100 -1200	0.0	0.0	0.0	0.0
#26	1200 -1300	0.0	0.0	0.0	0.0
#27	1300 -1400	0.0	0.0	0.0	0.0
#28	1400 -1500	0.0	0.0	0.0	0.0

Table 7.35

RMT1 hauls for: Dimophyes arctica 0-1500m Night Series

Nos. per 1000cu m of water filtered
Size Fraction (1.0-4.5 mm)

Station	Depth ranges(m)	Numbers of A.N.	P.N.	E.B.	E.G.
11261#73	0 - 25	0.0	0.0	0.0	0.0
#74	25 - 50	0.0	0.0	0.0	0.0
#75	50 - 100	0.0	0.0	0.0	0.0
#39	0 - 100	0.0	0.0	0.0	0.0
#40	100 - 200	1.54	0.0	0.0	0.0
#41	200 - 300	2.91	0.0	0.0	0.0
#22	300 - 400	0.77	0.0	0.77	1.55
#23	400 - 500	0.0	0.0	0.0	0.0
* #24	500 - 600	0.0	0.0	0.0	0.0
*11262#08	500 - 600	0.0	0.0	0.0	0.0
11261#61	600 - 700	0.0	0.0	0.0	0.0
* #37	700 - 800	0.0	0.0	0.0	0.0
* #62	700 - 800	0.0	0.0	0.0	0.0
#38	800 - 895	0.0	0.0	0.78	0.78
#19	910 -1000	0.0	0.0	0.82	0.0
#20	1000 -1110	0.0	0.0	0.70	0.70
#21	1100 -1200	0.0	0.0	0.0	0.0
#66	1200 -1300	0.0	0.0	0.0	0.0
#67	1300 -1400	0.0	0.0	0.0	0.0
#68	1400 -1520	0.73	0.0	0.0	0.0

Table 7.36

RMT8 hauls for: Dimophyes arctica 0-1500m Day Series

Nos. per 10,000cu m of water filtered

Station	Depth ranges(m)	Numbers of A.N.	P.N.	E.B.	E.G.
11261#29	2 - 25	0.0	0.0	0.0	0.0
#30	25 - 50	0.0	0.0	0.0	0.0
#31	50 - 100	0.0	0.0	0.0	0.0
#14	0 - 100	0.0	0.0	0.0	0.0
#13	100 - 200	0.0	0.0	0.0	0.0
#12	200 - 300	4.96	0.0	0.0	0.58
# 1	300 - 400	1.04	0.0	0.0	0.0
* # 2	400 - 500	0.0	0.0	0.0	0.0
* #32	400 - 500	0.0	0.0	0.68	0.68
* # 3	500 - 600	0.0	0.0	0.0	0.0
* #33	500 - 600	0.0	0.0	0.0	0.0
# 4	600 - 700	0.31	0.0	0.0	0.0
# 5	700 - 800	0.32	0.0	0.0	0.0
# 6	800 - 900	0.34	0.0	0.0	0.0
#15	900 -1000	0.32	0.0	0.32	0.32
#16	1000 -1100	0.0	0.0	0.0	0.0
#17	1100 -1200	0.0	0.0	0.0	0.0
#26	1200 -1300	0.40	0.0	0.0	0.0
#27	1300 -1400	0.0	0.0	0.0	0.0
#28	1400 -1500	0.0	0.0	0.0	0.0

Table 7.37

RMT8 hauls for: Dimophyes arctica 0-1500m Night Series

Nos. per 10,000cu m of water filtered

Station	Depth ranges (m)	Numbers of A.N.	P.N.	E.B.	E.G.
11261#73	0 - 25	0.0	0.0	0.0	0.0
#74	25 - 50	0.0	0.0	0.0	0.0
#75	50 - 100	0.0	0.0	0.0	0.0
#39	0 - 100	0.62	0.0	0.0	0.0
#40	100 - 200	0.0	0.0	0.0	0.0
#41	200 - 300	0.68	0.0	0.0	0.0
#22	300 - 400	0.91	0.0	0.0	0.0
#23	400 - 500	0.0	0.0	0.0	0.0
#24	500 - 600	0.0	0.0	0.0	0.0
#61	600 - 700	0.35	0.0	0.0	0.0
#62	700 - 800	0.0	0.0	0.0	0.0
#38	800 - 895	0.0	0.0	0.0	0.0
#19	910 -1000	0.0	0.0	0.0	0.0
#20	1000 -1100	0.0	0.0	0.0	0.0
#21	1100 -1200	0.0	0.0	0.0	0.0
#66	1200 -1300	0.0	0.0	0.0	0.0
#67	1300 -1400	0.0	0.0	0.0	0.0
#68	1400 -1520	0.0	0.0	0.0	0.0

Table 7.38

RMT1 hauls for Clausophyes ovata 0-1500m Day and Night Series

Nos. per 1,000cu m of water filtered (1.0-4.5 mm Fraction)

Day				Night			
Series	Depth ranges (m)	Number A.N.	P.N.	Series	Depth ranges (m)	Number A.N.	P.N.
#29	2 - 25	0.0	0.0	#73	0 - 25	0.0	0.0
#30	25 - 50	0.0	0.0	#74	25 - 50	0.0	0.0
#31	50 - 100	0.0	0.0	#75	50 - 100	0.0	0.0
#14	0 - 100	0.0	0.0	#39	0 - 100	0.0	0.0
#13	100 - 200	0.0	0.0	#40	100 - 200	0.0	0.0
#12	200 - 300	0.0	0.0	#41	200 - 300	0.0	0.0
# 1	300 - 400	0.0	0.0	#22	300 - 400	0.0	0.0
*# 2	400 - 500	0.0	0.0	#23	400 - 500	0.0	0.0
*#32	400 - 500	0.0	0.0	#24	500 - 600	0.0	0.0
*# 3	500 - 600	0.0	0.0	#08	600 - 700	0.0	0.0
*#33	500 - 600	0.0	0.0	#61	600 - 700	0.0	0.0
# 4	600 - 700	0.0	0.0	#37	700 - 800	3.47	2.60
# 5	700 - 800	6.25	3.13	#62	700 - 800	0.0	2.32
# 6	800 - 900	0.73	0.73	#38	800 - 895	3.11	3.11
#15	900 -1000	1.51	1.51	#19	910 -1000	0.0	2.47
#16	1000 -1100	0.0	1.56	#20	1000 -1110	0.70	0.0
#17	1100 -1200	0.0	0.0	#21	1100 -1200	0.74	0.0
#26	1200 -1300	0.0	0.0	#66	1200 -1300	0.0	0.0
#27	1300 -1400	0.0	0.86	#67	1300 -1400	0.0	0.0
#28	1400 -1500	0.0	0.0	#68	1400 -1520	0.0	0.0

Table 7.39

RMT1 hauls for: Clausophyes ovata Deep Midwater Series

Nos. per 1000cu m of water filtered
Size Fraction (1.0-4.5 mm)

Station	Depth ranges(m)	Numbers of A.N.	P.N.
11262#01	1500 -1910	0.36	0.0
# 2	1910 -2315	0.18	0.18
# 3	2310 -2700	0.0	0.0
# 4	2700 -3110	0.18	0.0
# 5	3110 -3500	0.14	0.14
# 6	3330 -3910	0.16	0.16
#10	3900 -4295	0.0	0.0
#11	4295 -4720	0.0	0.0
#12	4720 -5110	0.0	0.0
11261#48	5132 -5233	0.0	0.0
#47	5233 -5325	0.0	0.0
#46	5325 -5427	0.0	0.0
11261#54	5388 -5347(49-90mob)	0.0	0.0
#55	5388 -5415(24-55mob)	0.0	0.0
#56	5415 -5425(11-25mob)	0.0	0.0
#63	5345 -5385(48-90mob)	0.0	0.0
#64	5385 -5410(25-48mob)	0.0	0.0
#65	5410 -5430(11-31mob)	0.0	0.0
11262#25	5340 -5375(51-90mob)	0.19	0.0
#26	5375 -5415(25-51mob)	0.0	0.0
#27	5415 -5430(10-25mob)	0.0	0.0

Table 7.40

RMT8 hauls for Clausophyes ovata 0-1500m Day and Night Series

Nos. per 10,000cu m of water filtered

Day				Night			
Series	Depth ranges (m)	Number A.N.	P.N.	Series	Depth ranges (m)	Number A.N.	P.N.
#29	2 - 25	0.06	0.0	#73	0 - 25	0.0	0.0
#30	25 - 50	0.0	0.0	#74	25 - 50	0.0	0.0
#31	50 - 100	0.0	0.0	#75	50 - 100	0.0	0.0
#14	0 - 100	0.0	0.0	#39	0 - 100	0.31	0.31
#13	100 - 200	0.0	0.0	#40	100 - 200	0.0	0.0
#12	200 - 300	0.0	0.0	#41	200 - 300	0.0	0.0
# 1	300 - 400	0.0	0.0	#22	300 - 400	0.0	0.0
*# 2	400 - 500	0.0	0.0	#23	400 - 500	0.0	0.0
*#32	400 - 500	0.0	0.0	#24	500 - 600	0.0	0.0
*# 3	500 - 600	0.0	0.0	#61	600 - 700	0.0	0.0
*#33	500 - 600	0.0	0.0	#62	700 - 800	7.48	14.03
# 4	600 - 700	0.63	0.31	#38	800 - 895	4.83	14.40
# 5	700 - 800	0.0	1.27	#19	910 -1000	2.71	6.96
# 6	800 - 900	4.80	11.66	#20	1000 -1100	2.32	4.64
#15	900 -1000	3.76	16.54	#21	1100 -1200	0.0	0.0
#16	1000 -1100	0.63	0.63	#66	1200 -1300	0.0	0.0
#17	1100 -1200	0.0	1.03	#67	1300 -1400	0.0	0.0
#26	1200 -1300	0.40	2.39	#68	1400 -1520	0.69	0.69
#27	1300 -1400	0.0	0.36				
#28	1400 -1500	0.0	0.36				

Table 7.41

RMT8 hauls for: Clausophyes ovata Deep Midwater Series

Nos. per 10,000cu m of water filtered

Station	Depth ranges(m)	Numbers of A.N.	P.N.
11262#01	1500 -1910	0.73	0.44
# 2	1910 -2315	3.08	2.64
# 3	2310 -2700	2.67	3.34
# 4	2700 -3110	0.90	0.60
# 5	3110 -3500	0.22	0.55
# 6	3330 -3910	0.44	1.31
#10	3900 -4295	0.52	0.52
#11	4295 -4720	0.0	0.16
#12	4720 -5110	0.0	0.0
11261#48	5132 -5233	0.0	0.0
#47	5233 -5325	0.15	0.15
#46	5325 -5427	0.0	0.0
11261#54	5388 -5347(49-90mob)	0.0	0.0
#55	5388 -5415(24-55mob)	0.0	0.0
#56	5415 -5425(11-25mob)	0.0	0.0
#63	5345 -5385(48-90mob)	0.0	0.0
#64	5385 -5410(25-48mob)	0.0	0.0
#65	5410 -5430(11-31mob)	0.18	0.54
11262#25	5340 -5375(51-90mob)	0.0	0.0
#26	5375 -5415(25-51mob)	0.0	0.0
#27	5415 -5430(10-25mob)	0.17	0.0

Table 7.42

RMT8 hauls for: Chuniphyes multidentata 0-1500m Day Series

Nos. per 10,000cu m of water filtered

Station	Depth ranges(m)	Numbers of A.N.	P.N.	E.B.	E.G.
11261#29	2 - 25	0.0	0.0	0.0	0.0
#30	25 - 50	0.0	0.0	0.0	0.0
#31	50 - 100	0.0	0.0	0.0	0.0
#14	0 - 100	0.0	0.0	0.0	0.0
#13	100 - 200	0.0	0.0	0.0	0.0
#12	200 - 300	0.0	0.0	0.0	0.0
# 1	300 - 400	0.0	0.0	0.0	0.0
* # 2	400 - 500	0.34	0.0	0.0	0.0
* #32	400 - 500	1.03	0.0	0.0	0.68
* # 3	500 - 600	0.68	0.34	0.0	0.0
* #33	500 - 600	3.51	0.64	0.0	1.91
# 4	600 - 700	0.63	0.31	0.0	0.94
# 5	700 - 800	0.32	0.0	0.0	0.0
# 6	800 - 900	0.34	0.0	0.0	0.34
#15	900 -1000	1.30	0.0	0.0	0.97
#16	1000 -1100	0.32	0.0	0.0	0.0
#17	1100 -1200	0.34	0.0	0.0	1.72
#26	1200 -1300	4.78	0.40	0.0	0.0
#27	1300 -1400	4.65	0.72	0.0	0.0
#28	1400 -1500	1.79	0.36	0.0	0.36

Table 7.43

RMT8 hauls for: Chuniphyes multidentata 0-1500m Night Series

Nos. per 10,000cu m of water filtered

Station	Depth ranges (m)	Numbers of A.N.	P.N.	E.B.	E.G.
11261#73	0 - 25	0.0	0.0	0.0	0.0
#74	25 - 50	0.0	0.0	0.0	0.0
#75	50 - 100	0.0	0.0	0.0	0.0
#39	0 - 100	0.0	0.0	0.0	0.31
#40	100 - 200	0.0	0.0	0.0	0.0
#41	200 - 300	0.0	0.0	0.0	0.0
#22	300 - 400	0.0	0.0	0.0	0.0
#23	400 - 500	1.60	0.0	0.0	0.0
#24	500 - 600	2.10	0.70	0.0	1.05
#61	600 - 700	0.70	0.0	0.0	0.0
#62	700 - 800	0.0	0.0	0.0	0.0
#38	800 - 895	1.86	0.74	0.0	0.74
#19	910 -1000	0.39	0.0	0.0	0.0
#20	1000 -1100	1.74	0.0	0.0	0.0
#21	1100 -1200	1.40	0.70	0.0	0.0
#66	1200 -1300	4.50	0.0	0.0	0.96
#67	1300 -1400	3.64	0.0	0.0	0.0
#68	1400 -1520	5.51	0.69	0.0	0.0

Table 7.44

RMT8 hauls for: Chuniphyes multidentata Deep Midwater Series

Nos. per 10,000cu m of water filtered

Station	Depth ranges(m)	Numbers of A.N.	P.N.	E.B.	E.G.
11262#01	1500 -1910	7.59	0.88	0.0	0.0
# 2	1910 -2315	3.81	2.64	0.0	0.0
# 3	2310 -2700	3.51	3.34	0.0	0.0
# 4	2700 -3110	0.0	0.0	0.0	0.0
# 5	3110 -3500	0.0	0.0	0.0	0.0
# 6	3330 -3910	0.29	0.0	0.0	0.0
#10	3900 -4295	0.0	0.0	0.0	0.17
#11	4295 -4720	0.0	0.0	0.0	0.0
#12	4720 -5110	0.17	0.0	0.0	0.0
11261#48	5132 -5233	0.0	0.0	0.0	0.0
#47	5233 -5325	0.0	0.0	0.0	0.0
#46	5325 -5427	0.0	0.0	0.0	0.0
11261#54	5388 -5347(49-90mob)	0.0	0.0	0.0	0.0
#55	5388 -5415(24-55mob)	0.0	0.0	0.0	0.0
#56	5415 -5425(11-25mob)	0.0	0.0	0.0	0.0
#63	5345 -5385(48-90mob)	0.0	0.0	0.0	0.16
#64	5385 -5410(25-48mob)	0.0	0.0	0.0	0.0
#65	5410 -5430(11-31mob)	0.0	0.0	0.0	0.0
11262#25	5340 -5375(51-90mob)	0.16	0.0	0.0	0.16
#26	5375 -5415(25-51mob)	0.0	0.0	0.0	0.0
#27	5415 -5430(10-25mob)	0.0	0.0	0.0	0.0

Table 7.45

RMT8 hauls for Chuniphyes moserae 0-1500m Day and Night Series

Nos. per 10,000cu m of water filtered

Day				Night			
Series	Depth ranges (m)	Number A.N.	P.N.	Series	Depth ranges (m)	Number A.N.	P.N.
#29	2 - 25	0.0	0.0	#73	0 - 25	0.0	0.0
#30	25 - 50	0.0	0.0	#74	25 - 50	0.0	0.0
#31	50 - 100	0.0	0.0	#75	50 - 100	0.0	0.0
#14	0 - 100	0.0	0.0	#39	0 - 100	0.0	0.0
#13	100 - 200	0.0	0.0	#40	100 - 200	0.62	0.31
#12	200 - 300	0.0	0.0	#41	200 - 300	0.0	0.0
# 1	300 - 400	0.0	0.0	#22	300 - 400	0.0	0.0
*# 2	400 - 500	0.0	0.0	#23	400 - 500	0.0	0.0
*#32	400 - 500	0.0	0.0	#24	500 - 600	0.0	0.0
*# 3	500 - 600	0.0	0.0	#61	600 - 700	0.0	0.0
*#33	500 - 600	0.0	0.0	#62	700 - 800	0.0	0.0
# 4	600 - 700	0.0	0.0	#38	800 - 895	0.0	0.0
# 5	700 - 800	0.0	0.0	#19	910 -1000	0.0	0.0
# 6	800 - 900	0.0	0.0	#20	1000 -1100	0.58	0.58
#15	900 -1000	0.0	0.0	#21	1100 -1200	4.56	4.91
#16	1000 -1100	0.0	0.0	#66	1200 -1300	7.40	7.07
#17	1100 -1200	3.10	2.75	#67	1300 -1400	6.07	5.76
#26	1200 -1300	5.58	3.19	#68	1400 -1520	3.95	3.78
#27	1300 -1400	5.72	4.29				
#28	1400 -1500	8.24	3.22				

Table 7.46

RMT8 hauls for: Chuniphyes moserae Deep Midwater Series

Nos. per 10,000cu m of water filtered

Station	Depth ranges(m)	Numbers of A.N.	P.N.
11262#01	1500 -1910	0.73	0.44
# 2	1910 -2315	1.61	1.91
# 3	2310 -2700	0.33	0.67
# 4	2700 -3110	0.15	0.0
# 5	3110 -3500	0.33	0.44
# 6	3330 -3910	1.02	0.29
#10	3900 -4295	0.87	0.17
#11	4295 -4720	0.0	0.0
#12	4720 -5110	0.17	0.0
11261#48	5132 -5233	0.0	0.0
#47	5233 -5325	0.0	0.0
#46	5325 -5427	0.0	0.0
11261#54	5388 -5347(49-90mob)	0.0	0.0
#55	5388 -5415(24-55mob)	0.0	0.0
#56	5415 -5425(11-25mob)	0.0	0.0
#63	5345 -5385(48-90mob)	0.0	0.0
#64	5385 -5410(25-48mob)	0.0	0.0
#65	5410 -5430(11-31mob)	0.18	0.0
11262#25	5340 -5375(51-90mob)	0.16	0.16
#26	5375 -5415(25-51mob)	0.0	0.0
#27	5415 -5430(10-25mob)	0.0	0.0

Table 7.47

RMT1 hauls for Ceratocymba sagittata 0-1500m Day and Night Series

Nos. per 1,000cu m of water filtered (1.0-4.5 mm Fraction)

Day				Night			
Series	Depth ranges (m)	Number A.N.	P.N.	Series	Depth ranges (m)	Number A.N.	P.N.
#29	2 - 25	0.0	0.0	#73	0 - 25	0.0	0.0
#30	25 - 50	0.0	0.0	#74	25 - 50	0.0	0.0
#31	50 - 100	0.0	0.0	#75	50 - 100	1.50	0.0
#14	0 - 100	0.0	0.0	#39	0 - 100	0.0	0.0
#13	100 - 200	0.0	0.0	#40	100 - 200	1.54	0.0
#12	200 - 300	0.73	0.0	#41	200 - 300	2.19	0.0
# 1	300 - 400	0.78	0.0	#22	300 - 400	0.77	0.0
*# 2	400 - 500	2.44	0.0	#23	400 - 500	0.0	0.0
*#32	400 - 500	2.31	0.0	#24	500 - 600	0.0	0.0
*# 3	500 - 600	0.0	0.0	#08	600 - 700	0.0	0.0
*#33	500 - 600	0.78	0.0	#61	600 - 700	0.0	0.0
# 4	600 - 700	0.0	0.0	#37	700 - 800	0.0	0.0
# 5	700 - 800	0.0	0.0	#62	700 - 800	0.0	0.0
# 6	800 - 900	0.0	0.0	#38	800 - 895	0.0	0.0
#15	900 -1000	0.0	0.0	#19	910 -1000	0.0	0.0
#16	1000 -1100	0.0	0.0	#20	1000 -1110	0.0	0.0
#17	1100 -1200	0.0	0.0	#21	1100 -1200	0.0	0.0
#26	1200 -1300	0.0	0.0	#66	1200 -1300	0.0	0.0
#27	1300 -1400	0.0	0.0	#67	1300 -1400	0.0	0.0
#28	1400 -1500	0.0	0.0	#68	1400 -1520	0.0	0.0

Table 7.48

MT8 hauls for: Ceratocymba sagittata 0-1500m Day Series

Nos. per 10,000cu m of water filtered

Station	Depth ranges(m)	Numbers of A.N.	P.N.	E.B.	E.G.
11261#29	2 - 25	0.0	0.0	0.0	0.0
#30	25 - 50	0.0	0.0	0.0	0.0
#31	50 - 100	0.0	0.0	0.0	0.0
#14	0 - 100	0.0	0.0	0.0	0.0
#13	100 - 200	0.61	0.30	0.30	0.61
#12	200 - 300	13.42	0.29	1.17	0.29
# 1	300 - 400	8.68	0.0	1.04	2.08
* # 2	400 - 500	1.34	0.0	0.34	1.01
* #32	400 - 500	10.26	0.0	0.34	0.34
* # 3	500 - 600	0.34	0.0	0.0	0.0
* #33	500 - 600	0.0	0.0	0.0	0.0
# 4	600 - 700	0.0	0.0	0.0	0.0
# 5	700 - 800	0.0	0.0	0.0	0.0
# 6	800 - 900	0.0	0.0	0.0	0.0
#15	900 -1000	0.32	0.0	0.0	0.0
#16	1000 -1100	0.0	0.0	0.0	0.0
#17	1100 -1200	0.0	0.0	0.0	0.0
#26	1200 -1300	0.0	0.0	0.0	0.0
#27	1300 -1400	0.0	0.0	0.0	0.36
#28	1400 -1500	0.0	0.0	0.0	0.0

Table 7.49

MT8 hauls for: Ceratocymba sagittata 0-1500m Night Series

Nos. per 10,000cu m of water filtered

Station	Depth ranges (m)	Numbers of A.N.	P.N.	E.B.	E.G.
11261#73	0 - 25	0.29	0.59	0.29	0.0
#74	25 - 50	0.0	0.0	0.0	0.0
#75	50 - 100	1.07	0.0	0.0	0.0
#39	0 - 100	0.0	0.0	0.0	0.0
#40	100 - 200	0.31	0.31	0.94	0.0
#41	200 - 300	6.84	0.0	1.71	1.37
#22	300 - 400	12.78	0.0	1.38	1.04
#23	400 - 500	0.96	0.0	0.0	0.0
#24	500 - 600	0.35	0.0	0.0	0.0
#61	600 - 700	0.35	0.0	0.0	0.0
#62	700 - 800	0.0	0.0	0.0	0.0
#38	800 - 895	0.0	0.0	0.0	0.0
#19	910 -1000	0.39	0.0	0.0	0.0
#20	1000 -1100	0.0	0.0	0.0	0.0
#21	1100 -1200	0.0	0.0	0.0	0.35
#66	1200 -1300	0.0	0.0	0.0	0.0
#67	1300 -1400	0.0	0.0	0.0	0.0
#68	1400 -1520	0.0	0.0	0.0	0.0

Table 7.50

RMT1 hauls for: Abylopsis eschscholtzi 0-1500m Day Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (1.0-4.5 mm) Numbers of A.N.	P.N.	E.B.	E.G.
11261#29	2 - 25	5.22	6.71	79.02	29.82
#30	25 - 50	29.80	26.08	184.78	104.31
#31	50 - 100	0.72	0.0	5.80	3.62
#14	0 - 100	13.76	6.52	21.00	19.55
#13	100 - 200	0.75	0.0	0.75	0.0
#12	200 - 300	0.0	0.0	0.0	0.0
# 1	300 - 400	0.0	0.0	0.0	0.0
* # 2	400 - 500	0.0	0.0	0.0	0.0
* #32	400 - 500	0.0	0.0	0.77	0.0
* # 3	500 - 600	0.0	0.0	0.0	0.0
* #33	500 - 600	0.0	0.0	0.0	0.0
# 4	600 - 700	0.0	0.0	2.23	0.74
# 5	700 - 800	0.0	0.0	0.0	0.0
# 6	800 - 900	0.0	0.0	0.0	0.0
#15	900 -1000	0.0	0.0	0.0	0.0
#16	1000 -1100	0.0	0.0	0.0	0.0
#17	1100 -1200	0.0	0.0	0.0	0.0
#26	1200 -1300	0.0	0.0	0.0	0.0
#27	1300 -1400	0.0	0.0	0.0	0.0
#28	1400 -1500	0.0	0.0	0.0	0.0

Table 7.51

RMT1 hauls for: Abylopsis eschscholtzi 0-1500m Night Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (1.0-4.5 mm) Numbers of A.N.	P.N.	E.B.	E.G.
11261#73	0 - 25	7.30	4.38	30.67	11.68
#74	25 - 50	20.51	22.08	77.29	55.21
#75	50 - 100	3.00	0.75	3.75	1.50
#39	0 - 100	12.63	2.97	26.74	8.91
#40	100 - 200	0.0	0.0	0.0	0.0
#41	200 - 300	0.0	0.0	0.0	0.0
#22	300 - 400	0.0	0.0	0.0	0.0
#23	400 - 500	0.0	0.0	0.0	0.0
* #24	500 - 600	0.0	0.0	0.74	0.0
*11262#08	500 - 600	0.0	0.0	0.0	0.0
11261#61	600 - 700	0.0	0.0	1.55	0.77
* #37	700 - 800	0.0	0.0	0.0	0.0
* #62	700 - 800	0.0	0.0	0.0	0.0
#38	800 - 895	0.0	0.0	0.0	0.0
#19	910 -1000	0.82	0.82	3.30	2.47
#20	1000 -1110	0.0	0.0	0.0	0.0
#21	1100 -1200	0.0	0.0	0.0	0.0
#66	1200 -1300	0.0	0.0	0.0	0.0
#67	1300 -1400	0.0	0.0	0.0	0.0
#68	1400 -1520	0.0	0.0	0.0	0.0

Table 7.52

RMT8 hauls for: Abylopsis eschscholtzi 0-1500m Day Series

Nos. per 10,000cu m of water filtered

Station	Depth ranges(m)	Numbers of A.N.	P.N.	E.B.	E.G.
11261#29	2 - 25	14.51	7.26	14.51	4.42
#30	25 - 50	66.86	60.06	83.43	40.24
#31	50 - 100	0.0	0.0	0.34	0.0
#14	0 - 100	2.71	1.36	5.77	3.73
#13	100 - 200	0.0	0.30	0.0	0.0
#12	200 - 300	0.58	0.0	1.17	0.58
# 1	300 - 400	0.0	0.0	0.0	0.0
* # 2	400 - 500	0.0	0.0	0.0	0.0
* #32	400 - 500	0.34	0.34	0.0	0.0
* # 3	500 - 600	0.0	0.0	0.0	0.0
* #33	500 - 600	0.0	0.0	0.0	0.0
# 4	600 - 700	0.0	0.31	0.63	0.0
# 5	700 - 800	0.0	0.0	0.0	0.0
# 6	800 - 900	0.0	0.0	0.0	0.0
#15	900 -1000	0.0	0.0	0.32	0.0
#16	1000 -1100	0.0	0.0	0.32	0.0
#17	1100 -1200	0.0	0.0	0.0	0.0
#26	1200 -1300	0.0	0.0	0.0	0.0
#27	1300 -1400	0.0	0.0	0.0	0.0
#28	1400 -1500	0.0	0.0	0.0	0.0

Table 7.53

RMT8 hauls for: Abylopsis eschscholtzi 0-1500m Night Series

Nos. per 10,000cu m of water filtered

Station	Depth ranges (m)	Numbers of A.N.	P.N.	E.B.	E.G.
11261#73	0 - 25	17.66	18.25	37.39	12.36
#74	25 - 50	22.47	21.83	27.93	10.91
#75	50 - 100	0.71	1.42	1.07	0.71
#39	0 - 100	12.49	9.37	21.86	6.24
#40	100 - 200	0.0	0.0	0.0	0.0
#41	200 - 300	0.0	0.0	0.0	0.0
#22	300 - 400	0.0	0.0	0.35	0.69
#23	400 - 500	0.0	0.0	0.32	0.32
#24	500 - 600	0.0	0.0	0.0	0.0
#61	600 - 700	0.0	0.0	0.69	0.35
#62	700 - 800	0.0	0.0	0.0	0.0
#38	800 - 895	0.0	0.0	0.37	0.37
#19	910 -1000	0.0	0.0	1.55	0.0
#20	1000 -1100	0.0	0.0	0.0	0.0
#21	1100 -1200	0.0	0.0	0.0	0.0
#66	1200 -1300	0.0	0.0	0.32	0.32
#67	1300 -1400	0.0	0.0	0.30	0.30
#68	1400 -1520	0.0	0.0	0.0	0.0

Table 7.54

RMT1 hauls for: Bassia bassensis 0-1500m Day Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (1.0-4.5 mm) Numbers of A.N.	P.N.	E.B.	E.G.
11261#29	2 - 25	2.98	1.49	3.73	2.98
#30	25 - 50	11.18	3.73	5.22	0.75
#31	50 - 100	23.92	13.77	36.24	5.07
#14	0 - 100	18.83	15.93	16.65	2.17
#13	100 - 200	5.27	0.75	1.51	0.75
#12	200 - 300	0.73	0.0	0.0	0.0
# 1	300 - 400	0.0	0.78	0.0	0.0
* # 2	400 - 500	0.0	0.0	0.0	0.0
* #32	400 - 500	0.0	0.0	0.0	0.0
* # 3	500 - 600	0.0	0.0	0.0	0.0
* #33	500 - 600	0.0	0.0	0.78	0.0
# 4	600 - 700	0.0	0.0	0.0	0.0
# 5	700 - 800	0.0	0.0	0.0	0.78
# 6	800 - 900	0.0	0.0	0.0	0.0
#15	900 -1000	0.0	0.0	0.0	0.0
#16	1000 -1100	0.0	0.0	0.0	0.0
#17	1100 -1200	0.0	0.0	0.0	0.0
#26	1200 -1300	0.0	0.0	0.0	0.0
#27	1300 -1400	0.0	0.0	0.0	0.0
#28	1400 -1500	0.0	0.0	0.0	0.0

Table 7.55

RMT1 hauls for: Bassia bassensis 0-1500m Night Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (1.0-4.5 mm) Numbers of A.N.	P.N.	E.B.	E.G.
11261#73	0 - 25	8.76	8.76	2.19	4.38
#74	25 - 50	71.77	44.95	29.18	10.25
#75	50 - 100	110.32	60.04	125.32	45.03
#39	0 - 100	6.69	7.43	9.66	3.71
#40	100 - 200	3.85	6.16	6.16	2.31
#41	200 - 300	0.73	0.0	0.0	0.0
#22	300 - 400	0.0	0.0	0.0	0.0
#23	400 - 500	0.0	0.0	0.0	0.0
* #24	500 - 600	0.0	0.0	0.0	0.0
*11262#08	500 - 600	0.0	0.0	0.0	0.0
11261#61	600 - 700	0.0	0.0	0.0	0.0
* #37	700 - 800	0.0	0.0	0.0	0.0
* #62	700 - 800	0.77	0.0	0.0	0.0
#38	800 - 895	0.0	0.78	0.0	0.78
#19	910 -1000	0.82	0.82	0.0	0.0
#20	1000 -1110	0.0	0.70	1.41	1.41
#21	1100 -1200	0.0	0.0	0.0	0.0
#66	1200 -1300	0.0	0.0	0.0	0.0
#67	1300 -1400	0.0	0.0	0.0	0.0
#68	1400 -1520	0.0	0.0	0.73	0.0

Table 7.56

RMT8 hauls for: Bassia bassensis 0-1500m Day Series

Nos. per 10,000cu m of water filtered

Station	Depth ranges(m)	Numbers of A.N.	P.N.	E.B.	E.G.
11261#29	2 - 25	2.84	0.63	5.05	0.63
#30	25 - 50	28.40	59.76	7.10	0.59
#31	50 - 100	15.29	29.22	2.38	0.68
#14	0 - 100	13.91	23.41	1.70	0.34
#13	100 - 200	11.21	4.85	3.63	0.30
#12	200 - 300	0.0	0.0	1.17	0.58
# 1	300 - 400	0.69	0.0	0.0	0.0
* # 2	400 - 500	0.0	0.0	0.0	0.0
* #32	400 - 500	0.34	0.34	0.0	0.0
* # 3	500 - 600	0.0	0.0	0.0	0.34
* #33	500 - 600	0.0	0.0	0.32	0.0
# 4	600 - 700	0.0	0.0	0.31	0.0
# 5	700 - 800	0.0	0.0	0.0	0.0
# 6	800 - 900	0.0	0.0	0.0	0.0
#15	900 -1000	0.0	0.0	0.0	0.0
#16	1000 -1100	0.32	0.32	0.0	0.0
#17	1100 -1200	1.38	1.72	0.0	0.0
#26	1200 -1300	0.40	0.40	0.0	0.0
#27	1300 -1400	0.0	0.0	0.0	0.0
#28	1400 -1500	0.0	0.0	0.0	0.0

Table 7.57

RMT8 hauls for: Bassia bassensis 0-1500m Night Series

Nos. per 10,000cu m of water filtered

Station	Depth ranges (m)	Numbers of A.N.	P.N.	E.B.	E.G.
11261#73	0 - 25	90.68	124.24	2.94	0.0
#74	25 - 50	37.56	41.09	0.64	0.0
#75	50 - 100	87.82	111.29	3.91	0.36
#39	0 - 100	26.54	22.48	2.50	0.31
#40	100 - 200	3.75	1.25	0.62	0.0
#41	200 - 300	0.0	0.0	0.0	0.0
#22	300 - 400	0.69	0.0	0.0	0.0
#23	400 - 500	0.0	0.0	0.0	0.0
#24	500 - 600	0.0	0.0	0.0	0.0
#61	600 - 700	0.0	0.0	0.35	0.0
#62	700 - 800	0.0	0.0	0.0	0.0
#38	800 - 895	0.37	0.37	0.0	0.0
#19	910 -1000	0.0	0.39	0.0	0.0
#20	1000 -1100	0.0	0.29	0.0	0.0
#21	1100 -1200	0.0	0.0	0.0	0.0
#66	1200 -1300	0.0	0.0	0.0	0.0
#67	1300 -1400	0.0	0.0	0.0	0.0
#68	1400 -1520	0.0	0.0	0.0	0.0

Table 8.1 List of chaetognath species taken by the RMT8

Krohnitta subtilis (Grassi, 1881)
Pterosagitta draco (Krohn, 1853)
Eukrohnia hamata (Mobius, 1875)
E. fowleri Ritter-Zahony, 1909
E. bathyantarctica David, 1958
Heterokrohnia davidi Casanova, 1985
Heterokrohnia nov. sp.
Sagitta lyra Krohn, 1853
S. hexaptera d'Orbigny, 1843
S. decipiens Fowler, 1905
S. bipunctata Quoy and Gaimard, 1827
S. serrodentata Krohn, 1853
S. enflata Grassi, 1881
S. planctonis Steinhaus, 1896
S. zetesios Fowler, 1905
Sagitta nov. sp.
S. macrocephala Fowler, 1905
S. maxima (Conant, 1896)

Table 8.2 Rare species or occurrences of chaetognaths in RMT8 samples; nos/10000m³ water. ( ) = contaminants.

	DAY			NIGHT		
Species	Station	Depth (m)	No.	Station	Depth (m)	No.
K. subtilis	11261#30	25-50	0.59	11261#40	100-200	0.31
	#1	300-400	1.39	#41	200-300	1.37
	#32	400-500	5.48	#22	300-400	0.69
				#47	5233-5325	(0.15)
P. draco	#4	2700-3110	(0.15)			
	#12	4720-5110	(0.17)			
E. hamata				11262#1	1500-1910	0.15
E. bathyantarctica				11261#67	1300-1400	0.30
H. davidi	11262#4	2700-3110	0.15			
H. nov. sp.	11261#55	5388-5415	0.16			
S. decipiens				11261#48	5132-5233	(0.17)
S. bipunctata	11262#6	3330-3910	(015)	11261#46	5325-5427	(0.45)
	#10	3900-4295	(0.17)			
	#12	4720-5110	(0.17)			
	11261#63	5345-5385	(0.96)			
S. serratodentata	11261#13	100-200	0.30	11261#61	600-700	0.35
	11262#25	5340-5375	(0.32)	#62	700-800	0.31
				#66	1200-1300	0.32
S. enflata	11261#12	200-300	2.33			
	#6	800-900	0.34			
S. zetesios	11261#63	5345-5385	0.16	11262#1	1500-1910	0.15
Sagitta nov. sp.	11262#6	3330-3910	0.29			
S. maxima				11261#21	1100-1200	0.35

Table 8.3

RMT8 hauls for: P.draco 0-1500m Day and Night Series

Nos. per 10,000cu m of water filtered

Day			Night		
Station	Depth ranges(m)	Nos.	Station	Depth ranges(m)	Nos.
11261#29	2 - 25	0.95	11261#73	0 - 25	1.18
#30	25 - 50	0.59	#74	25 - 50	0.64
#31	50 - 100	1.36	#75	50 - 100	-
#14	0 - 100	2.37	#39	0 - 100	3.75
#13	100 - 200	0.61	#40	100 - 200	0.63
#12	200 - 300	1.17	#41	200 - 300	-
# 1	300 - 400	1.39	#22	300 - 400	0.35
* # 2	400 - 500	-	#23	400 - 500	-
* #32	400 - 500	-	#24	500 - 600	-
* # 3	500 - 600	-	#61	600 - 700	-
* #33	500 - 600	-	#62	700 - 800	-
# 4	600 - 700	-	#38	800 - 895	-
# 5	700 - 800	-	#19	910 -1000	-
# 6	800 - 900	-	#20	1000 -1100	-
#15	900 -1000	-	#21	1100 -1200	-
#16	1000 -1100	0.32	#66	1200 -1300	-
#17	1100 -1200	-	#67	1300 -1400	-
#26	1200 -1300	0.40	#68	1400 -1520	-
#27	1300 -1400	-			
#28	1400 -1500	-			

Table 8.4

RMT8 hauls for: E.hamata 0-1500m Day and Night Series

Nos. per 10,000cu m of water filtered

Day			Night		
Station	Depth ranges(m)	Nos.	Station	Depth ranges(m)	Nos.
11261#29	2 - 25	-	11261#73	0 - 25	-
#30	25 - 50	-	#74	25 - 50	-
#31	50 - 100	-	#75	50 - 100	-
#14	0 - 100	-	#39	0 - 100	-
#13	100 - 200	-	#40	100 - 200	-
#12	200 - 300	-	#41	200 - 300	-
# 1	300 - 400	1.39	#22	300 - 400	1.73
* # 2	400 - 500	0.67	#23	400 - 500	0.72
* #32	400 - 500	5.48	#24	500 - 600	-
* # 3	500 - 600	1.71	#61	600 - 700	-
* #33	500 - 600	1.91	#62	700 - 800	-
# 4	600 - 700	0.94	#38	800 - 895	0.74
# 5	700 - 800	0.32	#19	910 -1000	-
# 6	800 - 900	0.34	#20	1000 -1100	-
#15	900 -1000	1.30	#21	1100 -1200	-
#16	1000 -1100	0.32	#66	1200 -1300	-
#17	1100 -1200	1.72	#67	1300 -1400	-
#26	1200 -1300	-	#68	1400 -1520	-
#27	1300 -1400	-			
#28	1400 -1500	-			

Table 8.5

RMT8 hauls for: E.fowleri 0-1500m Day and Night Series

Nos. per 10,000cu m of water filtered

Day			Night		
Station	Depth ranges(m)	Nos.	Station	Depth ranges(m)	Nos.
11261#29	2 - 25	-	11261#73	0 - 25	-
#30	25 - 50	-	#74	25 - 50	-
#31	50 - 100	-	#75	50 - 100	-
#14	0 - 100	-	#39	0 - 100	-
#13	100 - 200	-	#40	100 - 200	-
#12	200 - 300	-	#41	200 - 300	-
# 1	300 - 400	-	#22	300 - 400	-
* # 2	400 - 500	-	#23	400 - 500	0.32
* #32	400 - 500	-	#24	500 - 600	-
* # 3	500 - 600	-	#61	600 - 700	-
* #33	500 - 600	-	#62	700 - 800	-
# 4	600 - 700	0.63	#38	800 - 895	43.12
# 5	700 - 800	-	#19	910 -1000	107.34
# 6	800 - 900	5.84	#20	1000 -1100	8.70
#15	900 -1000	63.31	#21	1100 -1200	10.53
#16	1000 -1100	28.71	#66	1200 -1300	33.76
#17	1100 -1200	27.84	#67	1300 -1400	24.24
#26	1200 -1300	43.43	#68	1400 -1520	10.31
#27	1300 -1400	29.75			
#28	1400 -1500	1.79			

Table 8.6

RMT8 hauls for: E.fowleri Deep Midwater Series

Nos. per 10,000cu m of water filtered

Station	Depth ranges(m)	
11262#01	1500 -1910	0.15
# 2	1910 -2315	0.29
# 3	2310 -2700	0.33
# 4	2700 -3110	-
# 5	3110 -3500	-
# 6	3330 -3910	-
#10	3900 -4295	0.35
#11	4295 -4720	-
#12	4720 -5110	-
11261#48	5132 -5233	-
#47	5233 -5325	-
#46	5325 -5427	-
11261#54	5388 -5347(49-90mob)	-
#55	5388 -5415(24-55mob)	-
#56	5415 -5425(11-25mob)	-
#63	5345 -5385(48-90mob)	-
#64	5385 -5410(25-48mob)	0.14
#65	5410 -5430(11-31mob)	-
11262#25	5340 -5375(51-90mob)	-
#26	5375 -5415(25-51mob)	-
#27	5415 -5430(10-25mob)	-

Table 8.7

RMT8 hauls for: S.lyra 0-1500m Day and Night Series

Nos. per 10,000cu m of water filtered

Day			Night		
Station	Depth ranges(m)	Nos.	Station	Depth ranges(m)	Nos.
11261#29	2 - 25	0.95	11261#73	0 - 25	3.53
#30	25 - 50	1.18	#74	25 - 50	-
#31	50 - 100	6.80	#75	50 - 100	15.66
#14	0 - 100	2.71	#39	0 - 100	10.00
#13	100 - 200	1.21	#40	100 - 200	1.56
#12	200 - 300	65.31	#41	200 - 300	32.88
# 1	300 - 400	301.38	#22	300 - 400	204.50
* # 2	400 - 500	64.65	#23	400 - 500	112.50
* #32	400 - 500	438.36	#24	500 - 600	102.46
* # 3	500 - 600	33.79	#61	600 - 700	190.66
* #33	500 - 600	112.10	#62	700 - 800	33.96
# 4	600 - 700	128.84	#38	800 - 895	38.66
# 5	700 - 800	3.49	#19	910 -1000	39.77
# 6	800 - 900	23.71	#20	1000 -1100	2.32
#15	900 -1000	15.91	#21	1100 -1200	4.21
#16	1000 -1100	3.47	#66	1200 -1300	2.25
#17	1100 -1200	2.41	#67	1300 -1400	-
#26	1200 -1300	1.99	#68	1400 -1520	2.41
#27	1300 -1400	0.72			
#28	1400 -1500	0.72			

Table 8.8

RMT8 hauls for: S.lyra Deep Midwater Series

Nos. per 10,000cu m of water filtered

Station	Depth ranges(m)	
11262#01	1500 -1910	0.29
# 2	1910 -2315	1.34
# 3	2310 -2700	0.30
# 4	2700 -3110	-
# 5	3110 -3500	-
# 6	3330 -3910	0.15
#10	3900 -4295	0.17
#11	4295 -4720	-
#12	4720 -5110	-
11261#48	5132 -5233	-
#47	5233 -5325	-
#46	5325 -5427	0.15
11261#54	5388 -5347(49-90mob)	0.17
#55	5388 -5415(24-55mob)	-
#56	5415 -5425(11-25mob)	-
#63	5345 -5385(48-90mob)	-
#64	5385 -5410(25-48mob)	-
#65	5410 -5430(11-31mob)	0.18
11262#25	5340 -5375(51-90mob)	0.32
#26	5375 -5415(25-51mob)	0.16
#27	5415 -5430(10-25mob)	0.34

Table 8.9

RMT8 hauls for: S.hexaptera 0-1500m Day and Night Series

Nos. per 10,000cu m of water filtered

Day			Night		
Station	Depth ranges(m)	Nos.	Station	Depth ranges(m)	Nos.
11261#29	2 - 25	10.09	11261#73	0 - 25	164.71
#30	25 - 50	50.59	#74	25 - 50	26.28
#31	50 - 100	265.31	#75	50 - 100	251.96
#14	0 - 100	167.80	#39	0 - 100	420.00
#13	100 - 200	71.21	#40	100 - 200	17.81
#12	200 - 300	305.54	#41	200 - 300	150.68
# 1	300 - 400	25.00	#22	300 - 400	28.03
* # 2	400 - 500	1.01	#23	400 - 500	0.32
* #32	400 - 500	0.68	#24	500 - 600	0.70
* # 3	500 - 600	-	#61	600 - 700	0.35
* #33	500 - 600	2.54	#62	700 - 800	-
# 4	600 - 700	1.26	#38	800 - 895	1.86
# 5	700 - 800	-	#19	910 -1000	2.32
# 6	800 - 900	1.03	#20	1000 -1100	-
#15	900 -1000	0.65	#21	1100 -1200	0.70
#16	1000 -1100	1.58	#66	1200 -1300	0.96
#17	1100 -1200	2.06	#67	1300 -1400	0.91
#26	1200 -1300	2.51	#68	1400 -1520	2.06
#27	1300 -1400	0.36			
#28	1400 -1500	1.08			

Table 8.10

RMT8 hauls for: S.hexaptera Deep Midwater Series

Nos. per 10,000cu m of water filtered

Station	Depth ranges(m)	
11262#01	1500 -1910	0.58
# 2	1910 -2315	0.15
# 3	2310 -2700	0.67
# 4	2700 -3110	0.90
# 5	3110 -3500	-
# 6	3330 -3910	0.44
#10	3900 -4295	0.35
#11	4295 -4720	-
#12	4720 -5110	-
11261#48	5132 -5233	0.17
#47	5233 -5325	-
#46	5325 -5427	0.15
11261#54	5388 -5347(49-90mob)	-
#55	5388 -5415(24-55mob)	-
#56	5415 -5425(11-25mob)	-
#63	5345 -5385(48-90mob)	-
#64	5385 -5410(25-48mob)	-
#65	5410 -5430(11-31mob)	0.54
11262#25	5340 -5375(51-90mob)	0.65
#26	5375 -5415(25-51mob)	-
#27	5415 -5430(10-25mob)	0.34

Table 8.11

RMT8 hauls for: S.decipiens 0-1500m Day and Night Series
Nos. per 10,000cu m of water filted

Station	Depth ranges(m)	Nos.	Station	Depth ranges(m)	Nos.
	Day			Night	
11261#29	2 - 25	-	11261#73	0 - 25	-
#30	25 - 50	-	#74	25 - 50	-
#31	50 - 100	-	#75	50 - 100	-
#13	100 - 200	0.30	#40	100 - 200	-
#12	200 - 300	2.33	#41	200 - 300	-
# 1	300 - 400	5.56	#22	300 - 400	0.69
* # 2	400 - 500	0.35	#23	400 - 500	-
* #32	400 - 500	2.74	#24	500 - 600	-
* # 3	500 - 600	-	#61	600 - 700	-
* #33	500 - 600	0.64	#62	700 - 800	-
# 5	700 - 800	-	#19	910 -1000	-
# 6	800 - 900	-	#20	1000 -1100	-
#15	900 -1000	-	#21	1100 -1200	-
#16	1000 -1100	-	#66	1200 -1300	-
#17	1100 -1200	-	#67	1300 -1400	-
#26	1200 -1300	-	#68	1400 -1520	-
#27	1300 -1400	-			
#28	1400 -1500	-			

Table 8.12

RMT8 hauls for: S.bipunctata 0-1500m Day and Night Series

Nos. per 10,000cu m of water filtered

Day			Night		
Station	Depth ranges(m)	Nos.	Station	Depth ranges(m)	Nos.
11261#29	2 - 25	0.63	11261#73	0 - 25	1.18
#30	25 - 50	1.18	#74	25 - 50	-
#31	50 - 100	-	#75	50 - 100	-
#14	0 - 100	1.69	#39	0 - 100	-
#13	100 - 200	-	#40	100 - 200	-
#12	200 - 300	1.17	#41	200 - 300	-
# 1	300 - 400	1.39	#22	300 - 400	2.08
* # 2	400 - 500	0.35	#23	400 - 500	-
* #32	400 - 500	5.48	#24	500 - 600	-
* # 3	500 - 600	-	#61	600 - 700	-
* #33	500 - 600	1.27	#62	700 - 800	-
# 4	600 - 700	0.31	#38	800 - 895	-
# 5	700 - 800	-	#19	910 -1000	1.54
# 6	800 - 900	0.69	#20	1000 -1100	-
#15	900 -1000	0.65	#21	1100 -1200	-
#16	1000 -1100	0.32	#66	1200 -1300	0.64
#17	1100 -1200	-	#67	1300 -1400	0.30
#26	1200 -1300	-	#68	1400 -1520	0.69
#27	1300 -1400	-			
#28	1400 -1500	0.72			

Table 8.13

RMT8 hauls for: S.planctonis 0-1500m Day and Night Series

Nos. per 10,000cu m of water filtered

Day			Night		
Station	Depth ranges(m)	Nos.	Station	Depth ranges(m)	Nos.
11261#29	2 - 25	-	11261#73	0 - 25	-
#30	25 - 50	-	#74	25 - 50	-
#31	50 - 100	-	#75	50 - 100	-
#14	0 - 100	-	#39	0 - 100	1.25
#13	100 - 200	0.30	#40	100 - 200	-
#12	200 - 300	-	#41	200 - 300	-
# 1	300 - 400	-	#22	300 - 400	2.08
* # 2	400 - 500	0.35	#23	400 - 500	1.60
* #32	400 - 500	2.74	#24	500 - 600	11.58
* # 3	500 - 600	10.58	#61	600 - 700	6.57
* #33	500 - 600	10.83	#62	700 - 800	5.61
# 4	600 - 700	15.72	#38	800 - 895	21.93
# 5	700 - 800	1.90	#19	910 -1000	11.58
# 6	800 - 900	17.53	#20	1000 -1100	9.86
#15	900 -1000	19.48	#21	1100 -1200	8.07
#16	1000 -1100	11.04	#66	1200 -1300	1.29
#17	1100 -1200	6.19	#67	1300 -1400	0.30
#26	1200 -1300	0.40	#68	1400 -1520	-
#27	1300 -1400	-			
#28	1400 -1500	0.34			

Table 8.14

RMT8 hauls for: S.zetesios 0-1500m Day and Night Series

Nos. per 10,000cu m of water filtered

Day			Night		
Station	Depth ranges(m)	Nos.	Station	Depth ranges(m)	Nos.
11261#29	2 - 25	-	11261#73	0 - 25	-
#30	25 - 50	-	#74	25 - 50	-
#31	50 - 100	-	#75	50 - 100	-
#14	0 - 100	-	#39	0 - 100	-
#13	100 - 200	-	#40	100 - 200	-
#12	200 - 300	-	#41	200 - 300	-
# 1	300 - 400	-	#22	300 - 400	-
* # 2	400 - 500	-	#23	400 - 500	-
* #32	400 - 500	-	#24	500 - 600	-
* # 3	500 - 600	0.68	#61	600 - 700	6.57
* #33	500 - 600	-	#62	700 - 800	2.18
# 4	600 - 700	5.66	#38	800 - 895	6.69
# 5	700 - 800	-	#19	910 -1000	6.18
# 6	800 - 900	1.72	#20	1000 -1100	2.90
#15	900 -1000	4.87	#21	1100 -1200	1.40
#16	1000 -1100	2.52	#66	1200 -1300	0.96
#17	1100 -1200	2.06	#67	1300 -1400	0.30
#26	1200 -1300	1.99	#68	1400 -1520	1.03
#27	1300 -1400	0.72			
#28	1400 -1500	-			

Table 8.15

RMT8 hauls for: S.macrocephala 0-1500m Day and Night Series

Nos. per 10,000cu m of water filtered

Day			Night		
Station	Depth ranges(m)	Nos.	Station	Depth ranges(m)	Nos.
11261#29	2 - 25	-	11261#73	0 - 25	-
#30	25 - 50	-	#74	25 - 50	-
#31	50 - 100	-	#75	50 - 100	-
#14	0 - 100	-	#39	0 - 100	-
#13	100 - 200	-	#40	100 - 200	-
#12	200 - 300	-	#41	200 - 300	-
# 1	300 - 400	-	#22	300 - 400	-
* # 2	400 - 500	-	#23	400 - 500	-
* #32	400 - 500	-	#24	500 - 600	-
* # 3	500 - 600	-	#61	600 - 700	-
* #33	500 - 600	-	#62	700 - 800	-
# 4	600 - 700	0.63	#38	800 - 895	0.37
# 5	700 - 800	-	#19	910 -1000	1.93
# 6	800 - 900	-	#20	1000 -1100	1.16
#15	900 -1000	4.22	#21	1100 -1200	0.70
#16	1000 -1100	0.32	#66	1200 -1300	8.04
#17	1100 -1200	1.72	#67	1300 -1400	0.61
#26	1200 -1300	6.77	#68	1400 -1520	2.06
#27	1300 -1400	0.36			
#28	1400 -1500	1.08			

Table 8.16

RMT8 hauls for: S.macrocephala Deep Midwater Series

Nos. per 10,000cu m of water filtered

Station	Depth ranges(m)	
11262#01	1500 -1910	0.15
# 2	1910 -2315	0.44
# 3	2310 -2700	1.17
# 4	2700 -3110	1.20
# 5	3110 -3500	-
# 6	3330 -3910	-
#10	3900 -4295	-
#11	4295 -4720	-
#12	4720 -5110	0.17
11261#48	5132 -5233	-
#47	5233 -5325	-
#46	5325 -5427	-
11261#54	5388 -5347(49-90mob)	-
#55	5388 -5415(24-55mob)	-
#56	5415 -5425(11-25mob)	-
#63	5345 -5385(48-90mob)	-
#64	5385 -5410(25-48mob)	-
#65	5410 -5430(11-31mob)	-
11262#25	5340 -5375(51-90mob)	-
#26	5375 -5415(25-51mob)	-
#27	5415 -5430(10-25mob)	-

Table 9.1

Gymnosomes in RMT 8 hauls.

Station	Depth(m)	Day or Night	Number of specimens
11261 #73	0-25	N	2
#24	500-600	N	1
#38	800-895	N	3
#33	500-600	D	1
#16	1000-1100	D	1

Table 9.2 Gymnosomes in RMT 1 hauls. Numbers per 1000m^3 (0.32 and 1.0mm subsamples combined)

Station		Depth(m)	Juveniles	Adults			Juveniles	Adults
DAY					NIGHT			
11261	#29	2-25	-	-	#73	0-25	-	12.42
	#30	25-50	-	5.96	#74	25-50	-	201.90
	#31	50-100	-	-	#75	50-100	-	48.03
	#14	0-100	-	23.17	#39	0-100	-	11.89
	#13	100-200	24.09	24.09	#40	100-200	49.26	-
	#12	200-300	2.92	2.92	#41	200-300	11.65	-
	# 1	300-400	24.86	0.39	#22	300-400	6.20	3.10
	*# 2	400-500	16.28	6.51	#23	400-500	50.19	3.14
	*# 3	500-600	-	-	*#24	500-600	2.97	1.48
	*#32	400-500	18.51	9.25	*#8	500-600	68.05	11.46
	*#33	500-600	31.39	-	#61	600-700	12.40	-
	# 4	600-700	-	5.96	*#62	700-800	-	-
	# 5	700-800	-	-	*#37	700-800	-	-
	# 6	800-900	-	-	#38	800-895	1.56	1.56
	#15	900-1000	-	-	#19	910-1000	-	0.82
	#16	1000-1100	-	-	#20	1000-1100	-	0.70
	#17	1100-1200	-	-	#21	1100-1200	-	-
	#26	1200-1300	-	-	#66	1200-1300	-	-
	#27	1300-1400	0.85	-	#67	1300-1400	-	-
	#28	1400-1500	2.26	-	#68	1400-1500	-	-

Occurrences below 1500m

# 3	2310-2700	-	0.18
# 6	3330-3910	0.47	-
#11	4295-4720	-	0.20

*Duplicate hauls

Table 9.3

Cymbuliidae

Station	Depth (m)	Day or Night	No. per 1000cu m
RMT 1 Hauls			
11261#30	25-50	D	5.96
11262# 3	2310-2700	-	0.18
RMT 8 Hauls			
11261#31	50-100	D	0.10
#14	0-100	D	0.03
#12	200-300	D	0.03

Table 9.4

RMTI hauls for: Peraclis bispinosa 0-1500m Day Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
11261#29	2 - 25	-	-	-
#30	25 - 50	-	-	-
#31	50 - 100	-	-	-
#14	0 - 100	-	-	-
#13	100 - 200	-	-	-
#12	200 - 300	-	-	-
# 1	300 - 400	-	-	-
* # 2	400 - 500	-	-	-
* #32	400 - 500	-	-	-
* # 3	500 - 600	-	-	-
* #33	500 - 600	-	-	-
# 4	600 - 700	1.49	-	1.49
# 5	700 - 800	-	0.78	0.78
# 6	800 - 900	-	-	-
#15	900 -1000	-	0.75	0.75
#16	1000 -1100	4.67	1.56	6.23
#17	1100 -1200	2.19	-	2.19
#26	1200 -1300	-	-	-
#27	1300 -1400	-	0.86	0.86
#28	1400 -1500	-	-	-

Table 9.5

RMTI hauls for: Peraclis bispinosa 0-1500m Night Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
11261#73	0 - 25	-	-	-
#74	25 - 50	-	-	-
#75	50 - 100	-	-	-
#39	0 - 100	-	-	-
#40	100 - 200	-	-	-
#41	200 - 300	-	-	-
#22	300 - 400	-	-	-
#23	400 - 500	-	-	-
* #24	500 - 600	0.74	-	0.74
*11262#08	500 - 600	-	-	-
11261#61	600 - 700	-	-	-
* #37	700 - 800	0.87	1.73	2.60
* #62	700 - 800	-	-	-
#38	800 - 895	4.67	0.78	5.45
#19	910 -1000	1.65	2.47	4.12
#20	1000 -1110	2.11	0.70	2.81
#21	1100 -1200	-	-	-
#66	1200 -1300	-	0.75	0.75
#67	1300 -1400	-	0.76	0.76
#68	1400 -1520	-	-	-

Table 9.6

RMTI hauls for: Peraclis bispinosa Deep Midwater Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-4.5
11262#01	1500 -1910	-
# 2	1910 -2315	0.18
# 3	2310 -2700	-
# 4	2700 -3110	-
# 5	3110 -3500	-
# 6	3330 -3910	-
#10	3900 -4295	-
#11	4295 -4720	-
#12	4720 -5110	-
11261#48	5132 -5233	-
#47	5233 -5325	-
#46	5325 -5427	-
11261#54	5388 -5347(49-90mob)	-
#55	5388 -5415(24-55mob)	-
#56	5415 -5425(11-25mob)	-
#63	5345 -5385(48-90mob)	-
#64	5385 -5410(25-48mob)	-
#65	5410 -5430(11-31mob)	-
11262#25	5340 -5375(51-90mob)	-
#26	5375 -5415(25-51mob)	-
#27	5415 -5430(10-25mob)	-

Table 9.7

RMT1 hauls for: Total Euthecosoma 0-1500m Day Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
11261#29	2 - 25	2.98	3.73	6.71
#30	25 - 50	29.80	7.45	37.25
#31	50 - 100	150.75	0.72	151.47
#14	0 - 100	52.13	1.45	53.58
#13	100 - 200	457.66	0.75	458.41
#12	200 - 300	5.83	1.46	7.29
# 1	300 - 400	59.04	0.77	59.81
* # 2	400 - 500	35.81	6.51	42.32
* #32	400 - 500	3.08	-	3.08
* # 3	500 - 600	0.73	-	0.73
* #33	500 - 600	6.28	-	6.28
# 4	600 - 700	1.49	2.23	3.72
# 5	700 - 800	1.56	0.78	2.34
# 6	800 - 900	2.91	2.18	5.09
#15	900 -1000	-	-	-
#16	1000 -1100	-	-	-
#17	1100 -1200	0.73	-	0.73
#26	1200 -1300	-	-	-
#27	1300 -1400	-	-	-
#28	1400 -1500	-	-	-

Table 9.8

RMT1 hauls for: Total Euthecosoma 0-1500m Night Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
11261#73	0 - 25	934.78	14.61	949.39
#74	25 - 50	1463.78	9.46	1473.24
#75	50 - 100	1680.99	20.26	1701.25
#39	0 - 100	368.44	15.60	384.04
#40	100 - 200	49.26	2.31	51.57
#41	200 - 300	5.83	-	5.83
#22	300 - 400	1.55	-	1.55
#23	400 - 500	12.55	0.78	13.33
* #24	500 - 600	-	0.74	0.74
*11262#08	500 - 600	5.73	-	5.73
11261#61	600 - 700	-	-	-
* #37	700 - 800	-	-	-
* #62	700 - 800	3.09	-	3.09
#38	800 - 895	1.56	-	1.56
#19	910 -1000	-	5.77	5.77
#20	1000 -1110	-	-	-
#21	1100 -1200	0.74	-	0.74
#66	1200 -1300	1.50	0.75	2.25
#67	1300 -1400	-	-	-
#68	1400 -1520	2.19	-	2.19

Table 9.9

RMT1 hauls for: Total Euthecosoma Deep Midwater Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-4.5
11262#01	1500 -1910	-
# 2	1910 -2315	0.18
# 3	2310 -2700	0.18
# 4	2700 -3110	-
# 5	3110 -3500	-
# 6	3330 -3910	-
#10	3900 -4295	-
#11	4295 -4720	0.20
#12	4720 -5110	0.18
11261#48	5132 -5233	-
#47	5233 -5325	-
#46	5325 -5427	1.29
11261#54	5388 -5347(49-90mob)	0.19
#55	5388 -5415(24-55mob)	-
#56	5415 -5425(11-25mob)	-
#63	5345 -5385(48-90mob)	0.19
#64	5385 -5410(25-48mob)	-
#65	5410 -5430(11-31mob)	-
11262#25	5340 -5375(51-90mob)	0.19
#26	5375 -5415(25-51mob)	-
#27	5415 -5430(10-25mob)	0.18

Table 9.10

RMT8 hauls for: Total Euthecosomes 0-1500m Day and Night Series

Nos. per 10,000cu m of water filtered

Day			Night		
Station	Depth ranges(m)	Nos.	Station	Depth ranges(m)	Nos.
11261#29	2 - 25	0.95	11261#73	0 - 25	46.20
#30	25 - 50	0.30	#74	25 - 50	7.70
#31	50 - 100	15.60	#75	50 - 100	3.50
#14	0 - 100	19.00	#39	0 - 100	11.60
#13	100 - 200	16.40	#40	100 - 200	4.10
#12	200 - 300	12.80	#41	200 - 300	3.10
# 1	300 - 400	9.40	#22	300 - 400	0.30
* # 2	400 - 500	-	#23	400 - 500	-
* #32	400 - 500	0.68	* #24	500 - 600	-
* # 3	500 - 600	-	* # 8	500 - 600	0.29
* #33	500 - 600	3.20	#61	600 - 700	-
# 4	600 - 700	0.63	#62	700 - 800	-
# 5	700 - 800	-	#38	800 - 895	0.74
# 6	800 - 900	0.69	#19	910 -1000	1.16
#15	900 -1000	0.65	#20	1000 -1100	0.29
#16	1000 -1100	0.63	#21	1100 -1200	0.70
#17	1100 -1200	-	#66	1200 -1300	-
#26	1200 -1300	1.59	#67	1300 -1400	-
#27	1300 -1400	-	#68	1400 -1520	0.34
#28	1400 -1500	-			

Table 9.11

RMT1 hauls for: Limacina bulimoides 0-1500m Day Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
11261#29	2 - 25	-	-	-
#30	25 - 50	11.92	4.47	16.39
#31	50 - 100	81.17	0.72	81.89
#14	0 - 100	5.79	-	5.79
#13	100 - 200	385.40	0.75	386.15
#12	200 - 300	5.83	-	5.83
# 1	300 - 400	-	-	-
* # 2	400 - 500	-	-	-
* #32	400 - 500	3.08	-	3.08
* # 3	500 - 600	-	-	-
* #33	500 - 600	6.28	-	6.28
# 4	600 - 700	-	-	-
# 5	700 - 800	-	-	-
# 6	800 - 900	-	1.45	1.45
#15	900 -1000	-	-	-
#16	1000 -1100	-	-	-
#17	1100 -1200	-	-	-
#26	1200 -1300	-	-	-
#27	1300 -1400	-	-	-
#28	1400 -1500	-	-	-

Table 9.12

RMT1 hauls for: Limacina bulimoides 0-1500m Night Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
11261#73	0 - 25	163.59	0.73	164.32
#74	25 - 50	201.90	0.79	202.69
#75	50 - 100	456.27	3.75	460.02
#39	0 - 100	95.08	6.69	101.77
#40	100 - 200	12.32	-	12.32
#41	200 - 300	-	-	-
#22	300 - 400	-	-	-
#23	400 - 500	6.27	-	6.27
* #24	500 - 600	-	-	-
*11262#08	500 - 600	-	-	-
11261#61	600 - 700	-	-	-
* #37	700 - 800	-	-	-
* #62	700 - 800	3.09	-	3.09
#38	800 - 895	-	-	-
#19	910 -1000	-	0.82	0.82
#20	1000 -1110	-	-	-
#21	1100 -1200	-	-	-
#66	1200 -1300	-	-	-
#67	1300 -1400	-	-	-
#68	1400 -1520	2.19	-	2.19

Table 9.13

RMT1 hauls for: Limacina inflata 0-1500m Day Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
11261#29	2 - 25	-	-	-
#30	25 - 50	11.92	0.75	12.67
#31	50 - 100	-	-	-
#14	0 - 100	5.79	-	5.79
#13	100 - 200	-	-	-
#12	200 - 300	-	-	-
# 1	300 - 400	21.75	-	21.75
* # 2	400 - 500	29.30	-	29.30
* #32	400 - 500	-	-	-
* # 3	500 - 600	-	-	-
* #33	500 - 600	-	-	-
# 4	600 - 700	-	-	-
# 5	700 - 800	-	-	-
# 6	800 - 900	1.45	0.73	2.18
#15	900 -1000	-	-	-
#16	1000 -1100	-	-	-
#17	1100 -1200	0.73	-	0.73
#26	1200 -1300	-	-	-
#27	1300 -1400	-	-	-
#28	1400 -1500	-	-	-

Table 9.14

RMT1 hauls for: Limacina inflata 0-1500m Night Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
11261#73	0 - 25	420.65	1.46	422.11
#74	25 - 50	757.13	-	757.13
#75	50 - 100	432.25	1.50	433.75
#39	0 - 100	95.08	0.74	95.82
#40	100 - 200	-	-	-
#41	200 - 300	-	-	-
#22	300 - 400	-	-	-
#23	400 - 500	-	-	-
* #24	500 - 600	-	-	-
*11262#08	500 - 600	-	-	-
11261#61	600 - 700	-	-	-
* #37	700 - 800	-	-	-
* #62	700 - 800	-	-	-
#38	800 - 895	1.56	-	1.56
#19	910 -1000	-	2.47	2.47
#20	1000 -1110	-	-	-
#21	1100 -1200	-	-	-
#66	1200 -1300	-	-	-
#67	1300 -1400	-	-	-
#68	1400 -1520	-	-	-

Table 9.15

RMT1 hauls for: Limacina leseurii 0-1500m Day Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
11261#29	2 - 25	-	-	-
#30	25 - 50	-	-	-
#31	50 - 100	-	-	-
#14	0 - 100	5.79	-	5.79
#13	100 - 200	-	-	-
#12	200 - 300	-	-	-
# 1	300 - 400	27.96	-	27.96
* # 2	400 - 500	-	-	-
* #32	400 - 500	-	-	-
* # 3	500 - 600	0.73	-	0.73
* #33	500 - 600	-	-	-
# 4	600 - 700	-	-	-
# 5	700 - 800	-	-	-
# 6	800 - 900	1.45	-	1.45
#15	900 -1000	-	-	-
#16	1000 -1100	-	-	-
#17	1100 -1200	-	-	-
#26	1200 -1300	-	-	-
#27	1300 -1400	-	-	-
#28	1400 -1500	-	-	-

Table 9.16

RMT1 hauls for: Limacina leseurii 0-1500m Night Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
11261#73	0 - 25	175.27	2.19	177.46
#74	25 - 50	100.95	1.58	102.53
#75	50 - 100	528.31	0.75	529.06
#39	0 - 100	59.43	2.23	61.66
#40	100 - 200	-	-	-
#41	200 - 300	-	-	-
#22	300 - 400	-	-	-
#23	400 - 500	-	-	-
* #24	500 - 600	-	0.74	0.74
*11262#08	500 - 600	5.73	-	5.73
11261#61	600 - 700	-	-	-
* #37	700 - 800	-	-	-
* #62	700 - 800	-	-	-
#38	800 - 895	-	-	-
#19	910 -1000	-	-	-
#20	1000 -1110	-	-	-
#21	1100 -1200	-	-	-
#66	1200 -1300	0.75	-	0.75
#67	1300 -1400	-	-	-
#68	1400 -1520	-	-	-

Table 9.17

RMT1 hauls for: Limacina Species 0-1500m Day Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
11261#29	2 - 25	-	-	-
#30	25 - 50	-	-	-
#31	50 - 100	11.60	-	11.60
#14	0 - 100	11.58	-	11.58
#13	100 - 200	24.09	-	24.09
#12	200 - 300	-	-	-
# 1	300 - 400	3.11	-	3.11
* # 2	400 - 500	-	-	-
* #32	400 - 500	-	-	-
* # 3	500 - 600	-	-	-
* #33	500 - 600	-	-	-
# 4	600 - 700	-	-	-
# 5	700 - 800	-	-	-
# 6	800 - 900	-	-	-
#15	900 -1000	-	-	-
#16	1000 -1100	-	-	-
#17	1100 -1200	-	-	-
#26	1200 -1300	-	-	-
#27	1300 -1400	-	-	-
#28	1400 -1500	-	-	-

Table 9.18

RMT1 hauls for: Limacina species 0-1500m Night Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
11261#73	0 - 25	-	-	-
#74	25 - 50	-	-	-
#75	50 - 100	24.01	-	24.01
#39	0 - 100	-	-	-
#40	100 - 200	-	-	-
#41	200 - 300	-	-	-
#22	300 - 400	-	-	-
#23	400 - 500	-	-	-
* #24	500 - 600	-	-	-
*11262#08	500 - 600	-	-	-
11261#61	600 - 700	-	-	-
* #37	700 - 800	-	-	-
* #62	700 - 800	-	-	-
#38	800 - 895	-	-	-
#19	910 -1000	-	-	-
#20	1000 -1110	-	-	-
#21	1100 -1200	-	-	-
#66	1200 -1300	-	-	-
#67	1300 -1400	-	-	-
#68	1400 -1520	-	-	-

Table 9.19

Occurrence of various Diacria spp.

Diacria major Nos/10000m³ (RMT8)

Station	Depth(m)	No.	Station	Depth(m)	No.
11261#31	50-100	1.36	11261#40	100-200	3.12
#14	0-100	0.34	#41	200-300	2.05
#13	100-200	4.54			

D. trispinosa Nos/10000m³ (RMT8)

#13	100-200	0.16	#73	0-25	12.2
#12	200-300	0.88	#74	25-50	7.06
# 1	300-400	7.29	#75	50-100	1.78
# 6	800-900	0.34	#39	0-100	3.43
#17	1100-1200	0.40			

D. major/trispinosa juvs. Nos/1000m³ (RMT1 1.0mm + .32mm subsamples)

#31	50-100	34.79	#75	50-100	33.02
#14	0-100	17.38	#39	0-100	1.49
			#40	100-200	12.32

D. quadridentata Nos/10000m³ (RMT 8)

#29	2-25	0.32	#73	0-25	1.18
#30	25-50	0.30	#39	0-100	0.94
#31	50-100	0.34			
# 1	300-400	0.35			

Nos/1000m³ (RMT 1, 1.0mm + .32mm subsamples)

#29	2-25	2.24	#73	0-25	4.38
#30	25-30	8.20	#39	0-100	1.49
#14	0-100	1.45			
#12	200-300	0.73			

Table 9.20 Occurrence of Cuvierina and Cavolinia species

DAY Stn.	Depth(m)	No.	NIGHT Stn.	Depth(m)	No.
Cuvierina columnella		Nos/10000m³ (RMT 8)			
11261#12	200-300	11.67	11261#73	0-25	25.32
# 1	300-400	.69	#74	25-50	.64
			#75	50-100	.71
			#39	0-100	.62
			#40	100-200	.31
			#22	300-400	.35
		Nos/1000m³ (RMT 1 1.0mm + .32mm subsamples)			
11261#12	200-300	.73	11261#73	0-25	1.46
# 1	300-400	.78	#74	25-50	.79
			#19	910-1000	.82
Cavolinia tridentata		Nos/10000m³ (RMT 8)			
11261#31	50-100	1.36			
#14	0-100	.34			
Cavolinia gibbosa		Nos/10000m³ (RMT 8)			
11261#29	2-25	.32	11261#75	50-100	.71
#31	50-100	12.60	#40	100-200	.62
#14	0-100	18.32	#41	200-300	1.03
#13	100-200	10.90			
#12	200-300	.29			
# 1	300-400	.35			
#33	500-600	2.55			
# 4	600-700	.63			
Cavolinia gibbosa juvs.		Nos/1000m³ (RMT 1 1.0mm + .32mm subsamples)			
11261#14	0-100	5.79	11261#40	100-200	12.32

Table 9.21

Occurrence of various Clio species

Clio pyramidata		Nos/1000m³ (RMT 1 1.0mm + .32mm subsamples)			
DAY			NIGHT		
Station	Depth(m)	No.	Station	Depth(m)	No.
11261# 4	600-700	2.23	11261#75	50-100	0.75
			#40	100-200	0.77
		Nos/10000m³ (RMT 8)			
11261#31	50-100	2.55	11261#73	0-25	.29
# 4	600-700	.63	#39	0-100	5.93

Clio cuspidata		Nos/1000m³ (RMT 1 1.0mm + .32mm subsamples)			
11261# 5	700-800	1.56	11261#23	400-500	3.92
		Nos.10000m³ (RMT 8)			
11261#32	400-500	0.68			
#33	500-600	0.32			

Clio polita		Nos/1000m³ (RMT 1 1.0mm + .32mm subsample)			
11262# 2	1910-2315	0.18			
# 3	2310-2700	0.18			
		Nos/10000m³ (RMT 8)			
11261#33	500-600	0.32	11261#38	800-895	0.37
# 6	800-900	0.34	#19	910-1000	1.16
#15	900-1000	0.65	#20	1000-1100	0.29
#16	1000-1100	0.63	#21	1100-1200	0.70
#26	1200-1300	0.80	#68	1400-1520	0.34
11262# 1	1500-1910	0.73			

Table 9.22

RMT1 hauls for: Styliola subula 0-1500m Day Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
11261#29	2 - 25	-	-	-
#30	25 - 50	-	-	-
#31	50 - 100	23.19	-	23.19
#14	0 - 100	-	-	-
#13	100 - 200	24.09	-	24.09
#12	200 - 300	-	-	-
# 1	300 - 400	3.11	-	3.11
* # 2	400 - 500	6.51	3.26	9.77
* #32	400 - 500	-	-	-
* # 3	500 - 600	-	-	-
* #33	500 - 600	-	-	-
# 4	600 - 700	1.49	-	1.49
# 5	700 - 800	-	-	-
# 6	800 - 900	-	-	-
#15	900 -1000	-	-	-
#16	1000 -1100	-	-	-
#17	1100 -1200	-	-	-
#26	1200 -1300	-	-	-
#27	1300 -1400	-	-	-
#28	1400 -1500	-	-	-

Table 9.23

RMT1 hauls for: Styliola subula 0-1500m Night Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
11261#73	0 - 25	11.68	-	11.68
#74	25 - 50	277.61	3.94	281.55
#75	50 - 100	120.07	4.50	124.57
#39	0 - 100	11.89	0.74	12.63
#40	100 - 200	-	0.77	0.77
#41	200 - 300	-	-	-
#22	300 - 400	-	-	-
#23	400 - 500	-	-	-
* #24	500 - 600	-	-	-
*11262#08	500 - 600	-	-	-
11261#61	600 - 700	-	-	-
* #37	700 - 800	-	-	-
* #62	700 - 800	-	-	-
#38	800 - 895	-	-	-
#19	910 -1000	-	0.82	0.82
#20	1000 -1110	-	-	-
#21	1100 -1200	-	-	-
#66	1200 -1300	-	-	-
#67	1300 -1400	-	-	-
#68	1400 -1520	-	-	-

Table 9.24

RMT8 hauls for: Styliola subula 0-1500m Day and Night Series

Nos. per 10,000cu m of water filtered

Day			Night		
Station	Depth ranges(m)	Nos.	Station	Depth ranges(m)	Nos.
11261#29	2 - 25	-	11261#73	0 - 25	5.89
#30	25 - 50	-	#74	25 - 50	-
#31	50 - 100	-	#75	50 - 100	0.36
#14	0 - 100	-	#39	0 - 100	0.31
#13	100 - 200	-	#40	100 - 200	-
#12	200 - 300	-	#41	200 - 300	-
# 1	300 - 400	0.35	#22	300 - 400	-
* # 2	400 - 500	-	#23	400 - 500	-
* #32	400 - 500	-	* #24	500 - 600	-
* # 3	500 - 600	-	* # 8	500 - 600	-
* #33	500 - 600	-	#61	600 - 700	-
# 4	600 - 700	-	#62	700 - 800	-
# 5	700 - 800	-	#38	800 - 895	0.37
# 6	800 - 900	-	#19	910 -1000	-
#15	900 -1000	-	#20	1000 -1100	-
#16	1000 -1100	-	#21	1100 -1200	-
#17	1100 -1200	-	#66	1200 -1300	-
#26	1200 -1300	-	#67	1300 -1400	-
#27	1300 -1400	-	#68	1400 -1520	-
#28	1400 -1500	-			

Table 9.25 RMT 1 catches of Creseis sp. and unidentified Euthecosomata. Nos/1000m³, size groups combined.

Station	Depth (m)	Creseis sp. 0.32-4.5mm	Unid. Euthecosomes 0.32-4.5mm
		DAY	
11261#29	2-25	-	3.73
#13	100-200	-	24.09
#1	300-400	-	3.11
#2	400-500	-	3.26
#5	700-800	-	0.78
11262#25	5430-5375	0.19	-
		NIGHT	
11261#73	0-25	83.25	83.98
#74	25-50	51.27	76.50
#75	50-100	-	96.06
#39	0-100	-	109.20
#40	100-200	12.32	-
#41	200-300	-	5.83
#22	300-400	-	1.55
#23	400-500	-	3.14
#21	1100-1200	-	0.74
#66	1200-1300	-	1.50

Table 9.26
Carinariid and Pterotracheid. Heteropods, numbers per 1000m³.

STATION		DEPTH(m)	Cardiopoda richardi	Carinaria lamarcki	Firoloida desmaresti	Pterotrachea coronata	Pterotrachea hippocampus
RMT 1M samples (.32 + 1.0mm)							
DAY	11261	#29	2-25	-	-	4.47	-
		#30	25-50	-	-	-	-
		#31	50-100	-	-	-	-
		#14	0-100	-	-	-	-
		#13	100-200	-	-	-	-
		#12	200-300	-	-	-	-
		#1	300-400	-	-	-	-
NIGHT	11261	#73	0-25	-	-	-	-
		#74	25-50	-	-	-	-
		#75	50-100	-	-	-	-
		#39	0-100	-	-	-	-
		#40	100-200	-	-	-	-
		#41	200-300	-	-	-	-
RMT8M samples*							
DAY	11261	#29	2-25	.03	-	.09	-
		#30	25-50	-	.03	-	-
		#31	50-100	-	-	-	-
		#14	0-100	-	-	-	-
		#13	100-200	-	-	-	-
		#12	200-300	-	-	-	-
		# 1	300-400	-	-	-	.14
NIGHT	11261	#73	0-25	-	-	.15	-
		#74	25-50	-	-	-	-
		#75	50-100	-	-	-	-
		#39	0-100	-	-	-	-
		#40	100-200	-	-	-	-
		#41	200-300	-	-	-	-

* Note density is given in numbers per 1000m³ for RMT 8 material as well as RMT 1.

Table 9.27 Atlantid Heteropods : numbers per 1000m³

	STATION		DEPTH(m)	Oxygyrus keraudreni	Protatlanta souleyeti	Atlanta gaudichaudi	Atlanta peroni	Atlanta fusca	Atlanta inclinata	Atlanta inflata	A. inflata veligers	Atlanta helicinoides	White-shelled veligers	Unidentified Atlantids
RMT1M samples (.32+1.0mm)														
DAY	11261	#29	2-25	.75	-	-	-	-	-	-	1.49	-	10.44	-
		#30	25-50	-	25.24	-	41.72	11.92	3.15	147.52	222.03	-	13.41	-
		#31	50-100	-	-	0.72	87.69	39.14	-	2.90	.72	23.19	23.19	-
		#14	0-100	.72	-	-	18.10	-	0.74	0.72	28.96	-	86.96	-
		#13	100-200	-	-	3.01	6.77	2.26	-	-	-	-	24.09	-
		#12	200-300	-	-	-	-	-	-	-	-	-	-	-
NIGHT	11261	#73	0-25	.73	-	2.19	49.66	.73	-	12.41	12.41	-	1.46	-
		#74	25-50	-	-	1.58	5.52	-	-	-	-	-	0.79	26.8
		#75	50-100	-	-	-	2.25	-	-	24.01	-	-	-	-
		#39	0-100	-	-	-	0.74	-	-	.74	-	-	-	-
		#40	100-200	-	-	-	-	-	-	-	-	-	12.32	.77
		#41	200-300	-	-	-	0.73	-	-	-	-	-	-	-
RMT8M samples*														
DAY	11261	#29	2-25	.03	-	-	-	-	-	.03	-	-	-	-
		#30	25-50	-	-	-	-	-	-	.06	-	-	-	-
		#31	50-100	.07	-	.01	-	-	-	-	-	-	-	-
		#14	0-100	.03	.03	-	-	-	-	-	-	-	-	-
		#13	100-200	.03	-	.09	.03	-	-	-	-	-	-	-
		#12	200-300	-	-	.18	.15	-	-	-	-	-	-	-
NIGHT	11261	#73	0-25	.03	.06	.47	.62	.15	.03	.03	-	.06	-	-
		#74	25-50	-	-	-	-	.03	-	-	-	.03	-	-
		#75	50-100	-	-	-	-	-	-	-	-	-	-	-
		#39	0-100	.03	.03	.16	.28	.09	.03	-	-	-	-	-
		#40	100-200	-	-	-	-	-	-	-	-	-	-	-
		#41	200-300	-	-	-	-	-	-	-	-	-	-	-

* Note that density is given in numbers per 1000m³ for RMT 8 material as well as RMT 1.

Table 9.28 Monotocardia in RMT 8 catches (uncorrected numbers)

Station	Depth (m)	Species			
		Cym. sp. B.	Cym. sp. C	Tonna galea	Cypraecassis
11261#39	0-100	1	6	1	-
11261#41	200-300	-	-	-	1
11261#12	200-300	-	-	-	1
11262#10	3900-4295	-	-	1	-

Cym. = Cymatiid

Table 9.29

RMT1 hauls for: Ianthina sp A. 0-1500m Day Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
#29	2 - 25	38.77	35.04	73.80
#30	25 - 50	464.93	38.00	502.93
#31	50 - 100	46.38	-	46.38
#14	0 - 100	1048.44	1.45	1049.89
#13	100 - 200	24.09	-	24.09
#12	200 - 300	-	-	-
# 1	300 - 400	-	-	-
* # 2	400 - 500	-	-	-
* #32	400 - 500	-	-	-
* # 3	500 - 600	-	-	-
* #33	500 - 600	-	-	-
# 4	600 - 700	-	-	-
# 5	700 - 800	1.56	-	1.56
# 6	800 - 900	-	-	-
#15	900 -1000	-	-	-
#16	1000 -1100	-	-	-
#17	1100 -1200	0.73	-	0.73
#26	1200 -1300	-	-	-
#27	1300 -1400	-	-	-
#28	1400 -1500	-	-	-

Table 9.30

RMT1 hauls for: Ianthina sp A. 0-1500m Night Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
11261#73	0 - 25	911.41	14.61	926.02
#74	25 - 50	959.03	13.41	972.44
#75	50 - 100	-	-	-
#39	0 - 100	59.43	2.23	61.66
#40	100 - 200	-	49.26	49.26
#41	200 - 300	11.65	-	11.65
#22	300 - 400	-	-	-
#23	400 - 500	-	-	-
* #24	500 - 600	-	-	-
*11262#08	500 - 600	-	-	-
11261#61	600 - 700	3.10	-	3.10
* #37	700 - 800	-	-	-
* #62	700 - 800	-	-	-
#38	800 - 895	-	-	-
#19	910 -1000	1.65	-	1.65
#20	1000 -1110	-	-	-
#21	1100 -1200	0.74	-	0.74
#66	1200 -1300	4.51	-	4.51
#67	1300 -1400	-	-	-
#68	1400 -1520	0.73	-	0.73

Table 9.31

RMT1 hauls for: Ianthina sp. A. Deep Midwater Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-4.5
11262#01	1500 -1910	-
# 2	1910 -2315	0.37
# 3	2310 -2700	0.18
# 4	2700 -3110	0.37
# 5	3110 -3500	-
# 6	3330 -3910	0.16
#10	3900 -4295	0.19
#11	4295 -4720	-
#12	4720 -5110	-
11261#48	5132 -5233	0.18
#47	5233 -5325	-
#46	5325 -5427	-
11261#54	5388 -5347(49-90mob)	-
#55	5388 -5415(24-55mob)	0.20
#56	5415 -5425(11-25mob)	-
#63	5345 -5385(48-90mob)	-
#64	5385 -5410(25-48mob)	-
#65	5410 -5430(11-31mob)	-
11262#25	5340 -5375(51-90mob)	-
#26	5375 -5415(25-51mob)	0.20
#27	5415 -5430(10-25mob)	-

Table 9.32 Monotocardian prosobranch species in RMT 1 hauls (uncorrected numbers)

Station	Depth (m)	Number of specimens											
		Echinospira	Cymatiid sp. A	Cymatiid sp. B	Cymatiid sp. C	Cymatiid sp. D	Ianthina sp. B	Benthonella	Turrid	Eulimid	Haloceras	Unknown sp.	Unidentifiable
Day 0-1500m													
11261#13	100-200	-	-	-	2	-	-	-	-	-	-	-	-
#6	800-900	1	-	-	-	-	-	-	-	-	-	-	-
#17	1100-1200	-	-	-	-	-	1*	-	-	-	-	-	-
Night 0-1500m													
11261#74	25-50	-	-	-	1	-	-	-	-	-	-	-	-
#75	50-100	-	-	1	-	-	-	-	-	-	-	-	-
#19	910-1000	-	-	-	1*	1*	-	-	-	-	-	-	-
Below 1500m													
11262#4	2700-3110	-	-	-	-	-	-	2	-	-	-	-	-
#5	3110-3500	-	-	-	-	-	-	1	-	-	-	-	-
11261#48	5233-5132	-	1*	-	-	-	-	-	-	-	-	-	-
#46	5427-5325	-	-	-	-	-	-	-	-	-	1	-	-
Near bottom													
11261#55	5388-5415	-	-	-	-	-	-	-	-	-	-	-	1
#64	5385-5410	-	-	-	-	-	-	-	1	1	-	1	-
11262#25	5340-5375	-	-	-	-	-	-	-	-	-	-	-	1
#26	5375-5415	-	-	-	-	-	-	-	-	1	-	1	2

*presumably contaminants

Table 10.1. Occurrence of M. castanea and Gigantocypris in RMT 8 hauls. Numbers per 10000m³

Station	Depth (m)	M. castanea	Gigantocypris spp.
Day			
11261#1	300-400	0.03	
#5	700-800	0.06	
#6	800-900	0.03	
#15	1000-1100	0.03	0.06
#26	1200-1300	0.08	
#27	1300-1400	0.11	
Night			
11261#22	300-400	0.10	
11262#8	500-600	0.06	
11261#61	600-700	0.03	
#37	700-800		0.04
#38	800-895		0.07
#20	1000-1110	0.06	
#21	1100-1200		0.07
#66	1200-1300	0.03	
Below 1500m			
11262#2	1910-2315		0.01
#4	2700-3110		0.03
#5	3110-3500		0.04
#6	3330-3910		0.12
#10	3900-4295		0.14
#11	4295-4720		0.03
#46	5325-5427		0.03

Table 10.2

RMT1 hauls for: Gigantocypris 0-1500m Night Series

		Nos. per 1000cu m of water filtered Size Fraction (mm)		
Station	Depth ranges(m)	0.32-1.0	1.0-4.5	0.32-4.5
11261#73	0 - 25	-	-	-
#74	25 - 50	25.24	-	25.24
#75	50 - 100	-	-	-
#39	0 - 100	-	-	-
#40	100 - 200	-	-	-
#41	200 - 300	-	-	-
#22	300 - 400	-	-	-
#23	400 - 500	-	-	-
* #24	500 - 600	-	-	-
*11262#08	500 - 600	-	-	-
11261#61	600 - 700	-	-	-
* #37	700 - 800	-	-	-
* #62	700 - 800	-	-	-
#38	800 - 895	-	-	-
#19	910 -1000	-	-	-
#20	1000 -1110	-	-	-
#21	1100 -1200	-	-	-
#66	1200 -1300	-	-	-
#67	1300 -1400	-	-	-
#68	1400 -1520	-	-	-

Table 10.3

RMT1 hauls for: Gigantocypris Deep Midwater Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-4.5
11262#01	1500 -1910	-
# 2	1910 -2315	-
# 3	2310 -2700	0.18
# 4	2700 -3110	-
# 5	3110 -3500	0.27
# 6	3330 -3910	0.16
#10	3900 -4295	0.19
#11	4295 -4720	-
#12	4720 -5110	-
11261#48	5132 -5233	-
#47	5233 -5325	-
#46	5325 -5427	-
11261#54	5388 -5347(49-90mob)	-
#55	5388 -5415(24-55mob)	-
#56	5415 -5425(11-25mob)	-
#63	5345 -5385(48-90mob)	-
#64	5385 -5410(25-48mob)	-
#65	5410 -5430(11-31mob)	-
11262#25	5340 -5375(51-90mob)	-
#26	5375 -5415(25-51mob)	-
#27	5415 -5430(10-25mob)	-

Table 10.4

RMT1 hauls for: Macrocypridina 0-1500m Day Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
11261#29	2 - 25	-	-	-
#30	25 - 50	-	-	-
#31	50 - 100	-	-	-
#14	0 - 100	-	-	-
#13	100 - 200	-	-	-
#12	200 - 300	-	-	-
# 1	300 - 400	-	-	-
* # 2	400 - 500	-	-	-
* #32	400 - 500	-	-	-
* # 3	500 - 600	-	-	-
* #33	500 - 600	-	0.78	0.78
# 4	600 - 700	-	-	-
# 5	700 - 800	-	0.78	0.78
# 6	800 - 900	-	1.45	1.45
#15	900 -1000	-	-	-
#16	1000 -1100	-	-	-
#17	1100 -1200	-	0.73	0.73
#26	1200 -1300	-	-	-
#27	1300 -1400	-	-	-
#28	1400 -1500	-	-	-

Table 10.5

RMT1 hauls for: Macrocypridina 0-1500m Night Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
11261#73	0 - 25	-	-	-
#74	25 - 50	-	-	-
#75	50 - 100	-	-	-
#39	0 - 100	-	-	-
#40	100 - 200	-	-	-
#41	200 - 300	-	-	-
#22	300 - 400	1.55	-	1.55
#23	400 - 500	-	-	-
* #24	500 - 600	-	-	-
*11262#08	500 - 600	-	0.72	0.72
11261#61	600 - 700	-	-	-
* #37	700 - 800	-	-	-
* #62	700 - 800	-	-	-
#38	800 - 895	-	0.78	0.78
#19	910 -1000	-	-	-
#20	1000 -1110	-	-	-
#21	1100 -1200	-	-	-
#66	1200 -1300	-	-	-
#67	1300 -1400	-	-	-
#68	1400 -1520	-	-	-

Table 10.6

RMT1 hauls 0-1500m Day Series.Sex or larval stages of Halocypris pelagica

Station	Depth ranges(m)	1.0-4.5mm Subsample female	male	VI	V	IV	0.32-1.0mm Subsample female	male	VI	V	IV
11261 #14	0- 100	-	-	-	-	0.72	5.78	5.78	17.38	5.78	110.06
#13	100- 200	-	2.26	2.26	3.01	2.26	96.35	72.26	337.22	626.27	867.14
#12	200- 300						2.92	-	8.75	17.49	11.66
# 6	800- 900						-	-	-	-	1.45
#16	1000-1100	0.78	-	-	-	-	1.56	-	-	-	-
#17	1100-1200						0.73	-	-	-	-
#26	1200-1300						1.68	-	-	-	-
#27	1300-1400						3.43	-	-	-	-
#28	1400-1500	1.51	-	-	-	-	2.26	-	-	-	-

Table 10.7

RMT1 hauls 0-1500m Night Series.Sex or larval stages of Halocypris pelagica

Station	Depth ranges(m)	1.0-4.5mm Subsample female	male	VI	V	IV	0.32-1.0mm Subsample female	male	VI	V	IV
11261 #39	0- 100	0.74	-	1.49	1.49	-	106.97	35.66	380.33	273.36	202.05
#40	100- 200						-	-	-	12.32	24.63
#41	200- 300						5.83	11.65	5.83	5.83	11.65
#22	300- 400						-	-	3.10	6.20	-
#23	400- 500						-	-	-	-	3.14
11262 #08	500- 600	-	-	-	-	0.72	0.72	-	-	-	-
11261 #61	600- 700						-	-	-	3.10	3.10
#62	700- 800						-	-	3.09	-	-
#38	800- 895						1.56	-	3.11	1.56	-
#19	910-1000	-	-	0.82	0.82	0.82					
#20	1000-1110						1.41	-	0.70	0.70	0.70
#66	1200-1300						8.26	-	-	-	3.75
#67	1300-1400						4.54	-	-	-	-
#68	1400-1520	-	0.73	-	0.73	-	2.93	-	-	1.46	-

Table 10.8

RMT1 hauls Deep Midwater Series.Sex or larval stages of Halocypris pelagica

Station	Depth ranges(m)	female	male	VI	V	IV
11262#01	1500 -1910	7.23	-	-	-	-
# 2	1910 -2315	3.50	-	0.18	-	-
# 3	2310 -2700	2.67	-	-	0.89	0.18
# 4	2700 -3110	-	-	0.18	-	-
# 5	3110 -3500	0.55	-	0.14	-	-
# 6	3330 -3910	-	-	0.31	0.31	-
#12	4720 -5110	0.18	0.36	-	0.18	-
11261#48	5132 -5233	-	0.57	0.38	0.38	0.19
#47	5233 -5325	0.18	-	-	0.36	0.18
#46	5325 -5427	-	0.19	1.70	0.38	0.19
11261#54	5388 -5347(49-90mob)	0.19	-	0.57	0.38	-
#55	5388 -5415(24-55mob)	0.20	-	-	0.20	-
#56	5415 -5425(11-25mob)	0.19	-	-	-	-
#63	5345 -5385(48-90mob)	-	0.19	-	-	-
#64	5385 -5410(25-48mob)	-	-	0.35	-	-
#65	5410 -5430(11-31mob)	0.19	-	-	-	-
11262#25	5340 -5375(51-90mob)	-	0.19	0.38	0.38	-
#27	5415 -5430(10-25mob)	0.36	-	-	0.18	0.18

Table 10.9

RMT1 hauls 0-1500m Day Series.Sex or larval stages of Halocypria globosa

Station	Depth ranges(m)	1.0mm Subsample female	male	VI	0.32mm Subsample female	male	VI
#14	0 - 100	11.58	-	-	-	-	11.58
#13	100 - 200	4.52	-	7.53			
#12	200 - 300	0.73	-	-			
# 4	600 - 700				-	1.49	-
#15	900 -1000	0.75	-	-			
#16	1000 -1100	0.78	-	-			
#17	1100 -1200	0.73	-	-			
#26	1200 -1300	2.52	-	-	0.84	-	-
#27	1300 -1400	0.86	-	-	0.86	-	-

Table 10.10

RMT1 hauls 0-1500m Night Series.Sex or larval stages of Halocypria globosa

Station	Depth ranges(m)	1.0mm Subsample female	male	VI	0.32mm Subsample female	male	VI
#39	0 - 100	2.23	-	-			
#62	700 - 800	0.77	-	-			
#37	700 - 800				-	0.87	-
#19	910 -1000	1.65	-	-			
#20	1000 -1110	0.70	-	-			
#21	1100 -1200	2.22	-	-	0.74	-	-
#66	1200 -1300				0.75	-	-
#68	1400 -1520				1.46	-	-

Table 10.11

RMT1 hauls Deep Midwater Series.Sex or larval stages of Halocypria globosa

Station	Depth ranges(m)	female	<4.5mm male	VI
11262#01	1500 -1910	0.18	-	-
# 2	1910 -2315	0.55	-	-
# 5	3110 -3500	0.14	-	-
# 6	3330 -3910	0.31	-	-
#10	3900 -4295	0.19	-	-
11261#48	5132 -5233	0.36	-	-
#46	5325 -5427	0.18	-	-
#54	5388 -5347(49-90mob)	0.38	-	-
#55	5388 -5415(24-55mob)	0.60	-	-
#64	5385 -5410(25-48mob)	1.23	-	-

Table 10.12

RMT1 hauls for: Archiconchoecia spp. 0-1500m Day Series
cuc=cucullata stri=striata bisp=bispicula gast=gastrodes

		Nos. per 1000cu m of water filtered Species					
Station	Depth ranges(m)	A.cuc	A.sp.M	A.sp.P	A.stri	A.bisp	A.gast
#14	0 - 100	-	11.58	-	5.79	-	-
#13	100 - 200	-	0.75	-	-	-	-
#12	200 - 300	-	-	-	4.38	-	-
# 1	300 - 400	-	-	-	-	-	-
#32	400 - 500	-	19.28	-	-	-	-
#33	500 - 600	-	13.33	-	-	-	-
# 4	600 - 700	-	11.16	-	-	-	-
# 5	700 - 800	-	10.16	-	-	-	-
# 6	800 - 900	-	63.99	-	-	-	-
#15	900 -1000	-	9.04	-	-	-	-
#16	1000 -1100	7.00	9.34	-	-	-	-
#17	1100 -1200	-	3.66	-	-	-	-
#26	1200 -1300	6.72	-	-	-	-	-
#27	1300 -1400	5.15	7.72	-	-	-	-
#28	1400 -1500	0.75	11.32	-	-	-	-

Table 10.13

RMT1 hauls for: Archiconchoecia spp. 0-1500m Night Series
cuc=cucullata stri=striata bisp=bispicula gast=gastrodes

		Nos. per 1000cu m of water filtered Species					
Station	Depth ranges(m)	A.cuc	A.sp.M	A.sp.P	A.stri	A.bisp	A.gast
#39	0 - 100	-	12.63	-	-	-	-
#40	100 - 200	-	-	-	0.77	-	-
#41	200 - 300	-	-	-	26.22	-	-
#22	300 - 400	-	51.14	-	-	-	-
#23	400 - 500	-	46.27	-	-	-	-
11262#08	500 - 600	-	40.83	-	-	-	-
11261#61	600 - 700	-	3.10	-	3.10	9.30	-
#62	700 - 800	-	12.35	-	-	-	-
#38	800 - 895	-	12.44	-	4.67	-	-
#19	910 -1000	-	2.47	-	-	-	-
#20	1000 -1110	-	14.77	-	-	-	-
#21	1100 -1200	-	3.70	-	-	-	-
#66	1200 -1300	2.25	4.50	-	-	-	-
#67	1300 -1400	2.27	7.57	-	-	-	-
#68	1400 -1520	-	5.12	-	-	-	-

Table 10.14

RMT1 hauls for: Archiconchoecia spp. Deep Midwater Series
cuc=cucullata stri=striata bisp=bispicula gast=gastrodes

		Nos. per 1000cu m of water filtered Species					
Station	Depth ranges(m)	A.cuc	A.sp.M	A.sp.P	A.stri	A.bisp	A.gast
11262#01	1500 -1910	1.64	0.18	-	-	-	-
# 2	1910 -2315	0.74	-	-	0.18	-	-
# 3	2310 -2700	0.53	0.53	-	-	-	0.18
# 4	2700 -3110	0.18	-	0.18	-	-	-
# 5	3110 -3500	0.27	-	0.27	-	-	-
# 6	3330 -3910	-	-	0.78	-	-	-
#10	3900 -4295	0.19	-	0.19	-	-	-
#11	4295 -4720	-	0.20	-	-	-	-
#12	4720 -5110	0.54	-	-	-	-	-
11261#48	5132 -5233	0.18	-	-	-	-	-
#47	5233 -5325	-	0.38	-	-	-	-
#46	5325 -5427	-	-	0.18	-	-	-
11261#54	5388 -5347(49-90mob)	-	-	-	-	-	-
#55	5388 -5415(24-55mob)	-	0.40	-	-	-	-
#56	5415 -5425(11-25mob)	-	0.19	-	-	-	-
#63	5345 -5385(48-90mob)	-	-	-	-	-	-
#64	5385 -5410(25-48mob)	-	0.18	-	-	-	-
#65	5410 -5430(11-31mob)	-	-	-	-	-	-
11262#25	5340 -5375(51-90mob)	-	0.19	-	-	-	-
#26	5375 -5415(25-51mob)	-	-	0.20	-	-	-
#27	5415 -5430(10-25mob)	-	0.91	0.18	-	-	-

Table 10.15

RMT1 hauls for: Bathyconchoecia 0-1500m Night Series

	Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
	11261#73	0 - 25	-	-	-
	#74	25 - 50	-	-	-
	#75	50 - 100	-	-	-
	#39	0 - 100	-	-	-
	#40	100 - 200	-	-	-
	#41	200 - 300	-	-	-
	#22	300 - 400	-	-	-
	#23	400 - 500	-	-	-
*	#24	500 - 600	-	-	-
*	11262#08	500 - 600	-	-	-
	11261#61	600 - 700	-	-	-
*	#37	700 - 800	-	-	-
*	#62	700 - 800	-	-	-
	#38	800 - 895	-	-	-
	#19	910 -1000	-	-	-
	#20	1000 -1110	-	-	-
	#21	1100 -1200	-	-	-
	#66	1200 -1300	-	-	-
	#67	1300 -1400	-	-	-
	#68	1400 -1520	0.73	0.73	1.46

Table 10.16

RMT1 hauls for: Bathyconchoecia Deep Midwater Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-4.5
11262#01	1500 -1910	-
# 2	1910 -2315	0.18
# 3	2310 -2700	-
# 4	2700 -3110	-
# 5	3110 -3500	-
# 6	3330 -3910	0.47
#10	3900 -4295	0.19
#11	4295 -4720	0.20
#12	4720 -5110	0.54
11261#48	5132 -5233	0.54
#47	5233 -5325	-
#46	5325 -5427	3.67
11261#54	5388 -5347(49-90mob)	1.91
#55	5388 -5415(24-55mob)	4.80
#56	5415 -5425(11-25mob)	0.19
#63	5345 -5385(48-90mob)	0.19
#64	5385 -5410(25-48mob)	2.46
#65	5410 -5430(11-31mob)	0.19
11262#25	5340 -5375(51-90mob)	1.51
#26	5375 -5415(25-51mob)	4.38
#27	5415 -5430(10-25mob)	2.55

Table 10.17

RMT1 hauls for: Conchoecia 0-1500m Day Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
11261#29	2 - 25	7.45	-	7.45
#30	25 - 50	238.42	3.73	242.15
#31	50 - 100	1565.44	20.29	1585.73
#14	0 - 100	677.72	0.72	678.44
#13	100 - 200	2432.82	20.32	2453.14
#12	200 - 300	1113.70	28.43	1142.13
# 1	300 - 400	2199.87	16.31	2216.18
* # 2	400 - 500	800.85	21.97	822.82
* #32	400 - 500	552.21	6.94	559.15
* # 3	500 - 600	42.92	4.36	47.28
* #33	500 - 600	834.90	17.26	852.16
# 4	600 - 700	358.80	8.93	367.73
# 5	700 - 800	218.86	11.72	230.58
# 6	800 - 900	155.60	60.35	215.95
#15	900 -1000	84.38	-	84.38
#16	1000 -1100	231.85	7.00	238.85
#17	1100 -1200	56.33	1.46	57.79
#26	1200 -1300	84.82	2.52	87.34
#27	1300 -1400	122.70	4.29	126.99
#28	1400 -1500	89.81	5.28	95.09

Table 10.18

RMT1 hauls for: Conchoecia 0-1500m Night Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
11261#73	0 - 25	5959.25	20.45	5979.70
#74	25 - 50	11407.38	90.70	11498.08
#75	50 - 100	6315.71	73.54	6389.25
#39	0 - 100	3506.17	43.08	3549.25
#40	100 - 200	3116.00	14.63	3130.63
#41	200 - 300	2016.17	41.52	2057.69
#22	300 - 400	770.24	17.82	788.06
#23	400 - 500	1213.97	7.06	1221.03
* #24	500 - 600	77.95	9.65	87.60
*11262#08	500 - 600	538.64	17.91	556.55
11261#61	600 - 700	623.01	9.30	632.31
* #37	700 - 800	359.98	4.34	364.32
* #62	700 - 800	478.64	4.63	483.27
#38	800 - 895	320.34	6.22	326.56
#19	910 -1000	46.14	22.25	68.39
#20	1000 -1110	380.60	9.85	390.45
#21	1100 -1200	65.06	5.91	70.97
#66	1200 -1300	102.11	8.26	110.37
#67	1300 -1400	59.07	3.79	62.86
#68	1400 -1520	68.77	2.19	70.96

Table 10.19

RMT1 hauls for: Conchoecia Deep Midwater Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-4.5
11262#01	1500 -1910	22.96
# 2	1910 -2315	28.36
# 3	2310 -2700	58.09
# 4	2700 -3110	5.13
# 5	3110 -3500	12.67
# 6	3330 -3910	17.62
#10	3900 -4295	11.33
#11	4295 -4720	14.65
#12	4720 -5110	17.03
11261#48	5132 -5233	15.15
#47	5233 -5325	3.96
#46	5325 -5427	15.06
11261#54	5388 -5347(49-90mob)	12.82
#55	5388 -5415(24-55mob)	12.81
#56	5415 -5425(11-25mob)	4.32
#63	5345 -5385(48-90mob)	2.07
#64	5385 -5410(25-48mob)	8.08
#65	5410 -5430(11-31mob)	3.82
11262#25	5340 -5375(51-90mob)	13.00
#26	5375 -5415(25-51mob)	12.93
#27	5415 -5430(10-25mob)	13.32

Table 10.20

Percentage of total ostracods in 0-1500m Day Series by genus.

Station	Depth ranges(m)	Bathyconchoecia	Archiconchoecia	Halocypris	Halocypria	Macrocypridina	Gigantocypris	Conchoecia	Thaumatoconcha
#14	0 - 100	-	2.01	16.83	2.68	-	-	78.48	-
#13	100 - 200	-	0.02	44.89	0.27	-	-	54.82	-
#12	200 - 300	-	0.37	3.43	0.06	-	-	96.13	-
# 1	300 - 400	-	-	-	-	-	-	100.00	-
#32	400 - 500	-	3.33	-	-	-	-	96.66	-
#33	500 - 600	-	1.54	-	-	0.09	-	98.37	-
# 4	600 - 700	-	2.94	-	0.39	-	-	96.67	-
# 5	700 - 800	-	4.21	-	-	0.32	-	95.47	-
# 6	800 - 900	-	22.62	0.51	-	0.51	-	76.35	-
#15	900 -1000	-	9.60	-	0.80	-	-	89.60	-
#16	1000 -1100	-	6.32	0.90	0.30	-	-	92.47	-
#17	1100 -1200	-	5.75	1.15	1.15	1.15	-	90.80	-
#26	1200 -1300	-	6.78	1.69	3.39	-	-	88.14	-
#27	1300 -1400	-	8.88	2.37	1.18	-	-	87.57	-
#28	1400 -1500	-	10.88	3.40	-	-	-	85.71	-

Table 10.21

Percentage of total ostracods in 0-1500m Night Series by genus.

Station	Depth ranges(m)	Bathyconchoecia	Archiconchoecia	Halocypris	Halocypria	Macrocypridina	Gigantocypris	Conchoecia	Thaumatoconcha
#39	0 - 100	-	0.28	21.95	0.05	-	-	77.72	-
#40	100 - 200	-	0.02	1.17	-	-	-	98.81	-
#41	200 - 300	-	1.23	2.45	-	-	-	96.32	-
#22	300 - 400	-	6.02	1.09	-	0.18	-	92.71	-
#23	400 - 500	-	3.64	0.18	-	-	-	96.11	-
11262#08	500 - 600	-	6.75	1.07	-	0.12	-	92.06	-
11261#61	600 - 700	-	2.37	0.95	-	-	-	96.68	-
#62	700 - 800	-	2.74	1.14	0.23	-	-	95.89	-
#38	800 - 895	-	4.88	1.77	-	0.22	-	93.13	-
#19	910 -1000	-	3.30	3.30	2.20	-	-	91.21	-
#20	1000 -1110	-	3.61	0.86	0.17	-	-	95.36	-
#21	1100 -1200	-	4.76	-	3.81	-	-	91.43	-
#66	1200 -1300	-	5.20	9.25	0.58	-	-	84.97	-
#67	1300 -1400	-	12.75	5.88	-	-	-	81.37	-
#68	1400 -1520	1.72	6.03	6.90	1.72	-	-	83.62	-

Table 10.22

Percentage of total ostracods Deep Midwater Series by genus.

Station	Depth ranges(m)	Bathyconchoecia	Archiconchoecia	Halocypris	Halocypria	Macrocypridina	Gigantocypris	Conchoecia	Thaumatoconcha
11262#01	1500 -1910	-	6.29	26.42	0.63	-	-	79.25	-
# 2	1910 -2315	0.55	2.73	10.93	1.64	-	-	84.15	-
# 3	2310 -2700	-	1.97	5.92	-	-	0.28	91.83	-
# 4	2700 -3110	-	6.45	3.22	-	-	-	90.32	-
# 5	3110 -3500	-	3.81	4.76	0.95	-	1.90	88.57	-
# 6	3330 -3910	2.34	3.91	3.12	1.56	-	0.78	88.28	-
#10	3900 -4295	1.56	1.61	-	-	-	1.56	92.19	-
#11	4295 -4720	1.32	1.32	-	-	-	-	97.37	-
#12	4720 -5110	2.88	2.88	3.85	-	-	-	90.38	-
11261#48	5132 -5233	17.09	0.85	11.11	0.85	-	-	70.09	-
#47	5233 -5325	-	7.40	14.81	-	-	-	77.78	-
#46	5325 -5427	3.06	1.02	8.20	2.04	-	-	85.71	-
11261#54	5388 -5347(49-90mob)	11.76	-	7.06	2.35	-	-	78.82	-
#55	5388 -5415(24-55mob)	25.00	2.08	2.08	3.12	-	-	66.67	1.04
#56	5415 -5425(11-25mob)	3.85	3.85	3.85	-	-	-	88.46	-
#63	5345 -5385(48-90mob)	7.69	-	7.69	-	-	-	84.62	-
#64	5385 -5410(25-48mob)	20.00	1.43	2.86	10.00	-	-	65.71	-
#65	5410 -5430(11-31mob)	4.55	-	4.55	-	-	-	90.91	-
11262#25	5340 -5375(51-90mob)	9.64	1.20	6.02	-	-	-	83.13	-
#26	5375 -5415(25-51mob)	25.00	1.14	-	-	-	-	73.86	-
#27	5415 -5430(10-25mob)	14.43	6.19	4.12	-	-	-	75.26	-

Table 11.1 Copepoda: Nos of carcases, shallow living contaminants, calanoids and non-calanoids in deep RMT1 samples. Nos in brackets are used in Table 11.2

Station	Depth (m)	Carcases (1)	Contaminants (2)	Calanoids (3)	Non Calanoids (4)
11262 #1	1500-1910	3434	49	3061	385
2	1910-2315	2395	90	5466	1304
3	2310-2700	2735	673	5733	1210
4	2700-3110	732	63	63	38
5	3110-3500	890	88	768	43
6	3330-3910	1151	388	1446	123
10	3900-4295	614	72	500	22
11	4295-4720	700	182	537	36
12	4720-5110	1573	302	335	49
11261#48	5132-5233	1106	869	209	36
47	5233-5325	420	145	83	13
46	5325-5427	955	187	851	204
63	5345-5385	248	60	34	8
64	5385-5410	1121	202	72	148
65	5410-5430	494	113	50	44

Table 11.2 Copepoda: Nos of "live" copepods, % ratio of contaminants to "live" and the corrected no. of carcases assuming the same ratio of contamination as in "live" copepods. (see Table 11.1)

Depth	Total	"live" (3+4)	"live" /1000m³	% Ratio (2:3+4)	Corr.Car. (1)	Corr.Carc. /1000m³
1500-1910		3446	627.91	0.7:99.3	3410	621.36
1910-2315		6770	1246.57	1.0:99.0	2371	436.58
2310-2700		6943	1237.24	8.8:91.2	2494	444.43
2700-3110		641	117.48	5.6:94.4	691	126.64
3110-3500		811	110.50	9.8:90.2	803	109.41
3330-3910		1569	244.69	12.5:87.5	1007	157.04
3900-4295		522	100.25	12.1:87.9	540	103.71
4295-4720		573	113.46	24.1:75.1	526	104.15
4720-5110		384	69.56	44.0:56.0	881	159.60
5132-5233		245	44.18	78.0:22.0	243	43.82
5233-5325		96	18.11	60.2:39.8	58	10.94
5325-5427		1055	193.79	15.1:84.9	811	148.97
5345-5385		42	7.91	58.8:41.2	102	19.2
5385-5410		220	38.65	47.9:52.1	584	102.60
5410-5430		94	17.94	54.6:45.4	224	42.75

Table 12.1 Cirripede nauplii in the top 300m. Data from 0.32 and 1.0mm subsamples combined.

Station # haul	Depth (m)	Stage VI	Stage V	Stage IV	Stage III
		Lepas anatifera nauplii			
DAY					
11261#29	2-25	-	-	-	-
#30	25-50	2.24	1.49	-	-
#31	50-100	39.86	36.24	15.95	12.32
#14	0-100	21.00	41.27	23.17	-
#13	100-200	6.02	-	-	-
#12	200-300	-	-	-	-
NIGHT					
11261#73	0-25	-	-	-	-
#74	25-50	7.10	1.58	-	-
#75	50-100	24.76	96.06	24.01	-
#39	0-100	35.66	49.06	11.89	-
#40	100-200	1.54	-	-	-
#41	200-300	-	0.73	-	-
		Lepas pectinata nauplii			
DAY					
11261#29	2-25	0.75	-	-	-
#30	25-50	0.75	-	-	-
#31	50-100	1.45	0.72	-	-
#14	0-100	5.79	-	-	-
#13	100-200	24.09	-	-	-
#12	200-300	-	-	-	-
NIGHT					
11261#73	0-25	-	-	-	-
#74	25-50	-	-	-	-
#75	50-100	-	24.01	-	-
#39	0-100	3.71	-	-	-
#40	100-200	2.31	-	-	-
#41	200-300	-	-	-	-

Table 12.2

RMT1 hauls for: Lepas pectinata cyprids 0-1500m Day Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
11261#29	2 - 25	1.49	-	1.49
#30	25 - 50	-	-	-
#31	50 - 100	-	-	-
#14	0 - 100	-	-	-
#13	100 - 200	24.09	-	24.09
#12	200 - 300	17.49	0.73	18.22
# 1	300 - 400	40.39	-	40.39
* # 2	400 - 500	807.36	2.44	809.80
* #32	400 - 500	734.23	17.74	751.97
* # 3	500 - 600	2.18	1.45	3.63
* #33	500 - 600	225.99	2.35	228.34
# 4	600 - 700	-	-	-
# 5	700 - 800	3.13	1.56	4.69
# 6	800 - 900	68.35	8.00	76.35
#15	900 -1000	1.51	-	1.51
#16	1000 -1100	-	-	-
#17	1100 -1200	2.19	-	2.19
#26	1200 -1300	0.84	-	0.84
#27	1300 -1400	1.72	-	1.72
#28	1400 -1500	41.51	0.75	42.26

Table 12.3

RMT1 hauls for: Lepas pectinata cyprids 0-1500m Night Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
11261#73	0 - 25	-	-	-
#74	25 - 50	-	-	-
#75	50 - 100	-	-	-
#39	0 - 100	-	-	-
#40	100 - 200	-	-	-
#41	200 - 300	-	-	-
#22	300 - 400	29.45	1.55	31.00
#23	400 - 500	417.21	0.78	417.99
* #24	500 - 600	26.73	2.23	28.96
*11262#08	500 - 600	584.49	7.88	592.37
11261#61	600 - 700	-	-	-
* #37	700 - 800	-	-	-
* #62	700 - 800	6.18	-	6.18
#38	800 - 895	1.56	-	1.56
#19	910 -1000	-	-	-
#20	1000 -1110	1.41	-	1.41
#21	1100 -1200	1.48	-	1.48
#66	1200 -1300	2.25	-	2.25
#67	1300 -1400	-	-	-
#68	1400 -1520	8.78	-	8.78

Table 12.4

RMT1 hauls for: Lepas pectinata cyprids Deep Midwater Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-4.5
11262#01	1500 -1910	-
# 2	1910 -2315	0.74
# 3	2310 -2700	1.60
# 4	2700 -3110	0.18
# 5	3110 -3500	1.09
# 6	3330 -3910	1.09
#10	3900 -4295	0.19
#11	4295 -4720	0.79
#12	4720 -5110	1.09
11261#48	5132 -5233	0.36
#47	5233 -5325	-
#46	5325 -5427	-
11261#54	5388 -5347(49-90mob)	-
#55	5388 -5415(24-55mob)	-
#56	5415 -5425(11-25mob)	-
#63	5345 -5385(48-90mob)	-
#64	5385 -5410(25-48mob)	-
#65	5410 -5430(11-31mob)	-
11262#25	5340 -5375(51-90mob)	-
#26	5375 -5415(25-51mob)	0.60
#27	5415 -5430(10-25mob)	2.19

Table 12.5

RMTl hauls for: Cyprid Type 'E' 0-1500m Day Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
11261#29	2 - 25	-	-	-
#30	25 - 50	-	-	-
#31	50 - 100	-	-	-
#14	0 - 100	-	-	-
#13	100 - 200	-	-	-
#12	200 - 300	-	-	-
# 1	300 - 400	-	-	-
* # 2	400 - 500	26.04	-	26.04
* #32	400 - 500	37.02	-	37.02
* # 3	500 - 600	3.64	0.73	4.37
* #33	500 - 600	25.11	-	25.11
# 4	600 - 700	-	-	-
# 5	700 - 800	-	-	-
# 6	800 - 900	14.54	2.18	16.72
#15	900 -1000	-	-	-
#16	1000 -1100	-	-	-
#17	1100 -1200	-	-	-
#26	1200 -1300	-	-	-
#27	1300 -1400	0.86	-	0.86
#28	1400 -1500	25.66	-	25.66

Table 12.6

RMTl hauls for: Cyprid Type 'E' 0-1500m Night Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
11261#73	0 - 25	-	-	-
#74	25 - 50	-	-	-
#75	50 - 100	-	-	-
#39	0 - 100	-	-	-
#40	100 - 200	-	-	-
#41	200 - 300	-	-	-
#22	300 - 400	-	-	-
#23	400 - 500	25.10	-	25.10
* #24	500 - 600	8.17	0.74	8.91
*11262#08	500 - 600	51.57	-	51.57
11261#61	600 - 700	-	-	-
* #37	700 - 800	-	-	-
* #62	700 - 800	-	-	-
#38	800 - 895	1.56	-	1.56
#19	910 -1000	-	-	-
#20	1000 -1110	-	-	-
#21	1100 -1200	-	-	-
#66	1200 -1300	-	-	-
#67	1300 -1400	-	-	-
#68	1400 -1520	-	-	-

Table 12.7

RMTI hauls for: Cyprid Type 'E' Deep Midwater Series

Station	Depth ranges(m)	Nos. per 1000cu m of water filtered Size Fraction (mm) 0.32-4.5
11262#01	1500 -1910	-
# 2	1910 -2315	-
# 3	2310 -2700	-
# 4	2700 -3110	-
# 5	3110 -3500	0.14
# 6	3330 -3910	0.16
#10	3900 -4295	0.19
#11	4295 -4720	-
#12	4720 -5110	-
11261#48	5132 -5233	-
#47	5233 -5325	-
#46	5325 -5427	-
11261#54	5388 -5347(49-90mob)	-
#55	5388 -5415(24-55mob)	-
#56	5415 -5425(11-25mob)	-
#63	5345 -5385(48-90mob)	-
#64	5385 -5410(25-48mob)	-
#65	5410 -5430(11-31mob)	0.19
11262#25	5340 -5375(51-90mob)	-
#26	5375 -5415(25-51mob)	-
#27	5415 -5430(10-25mob)	0.18

Table 12.8 Occurrences of A,B,C & Lepas anatifera cyprids

Cyprid	Station	Depth(m)	Subsample (mm)	Numbers of specimens	Number per 1000 m^3
A	11261 #39	0-100	1.0	1	0.74
	11261 #38	800-895	1.0	1	0.78
B	11261 #22	300-400	0.32	1	1.55
C	11261 #23	400-500	0.32	1	6.27
L.anatifera	11261 #22	300-400	0.32	1	1.55
	11261 #1	300-400	0.32	1	3.11

Table 13.1. RMT8 Mysidacea, 0-1500m Day Series
Nos. per 10,000cu m of water filtered.

Station	Depth ranges (m)	E. unguiculata	E. sculpticauda	E. grimaldii	E. australis	Gnathophausia spp.	All other species or unidentified
11261#29	2 - 25	0.0	0.0	0.0	0.0	0.0	0.0
#30	25 - 50	0.0	0.0	0.0	0.0	0.0	0.0
#31	50 - 100	0.0	0.0	0.0	0.0	0.0	0.0
#14	0 - 100	0.0	0.0	0.0	0.0	0.0	0.0
#13	100 - 200	0.0	0.0	0.0	0.0	0.0	0.0
#12	200 - 300	0.0	0.0	0.0	0.0	0.0	0.0
# 1	300 - 400	0.0	0.0	0.0	0.0	0.0	0.0
* # 2	400 - 500	0.0	0.0	0.0	0.0	0.0	0.0
* #32	400 - 500	0.0	0.0	0.0	0.0	0.0	0.0
* # 3	500 - 600	0.0	0.0	0.0	0.0	0.0	0.0
* #33	500 - 600	0.0	0.0	0.0	0.0	0.0	0.32
# 4	600 - 700	0.0	0.0	0.0	0.0	0.0	0.31
# 5	700 - 800	0.0	0.0	0.0	0.0	0.0	0.0
# 6	800 - 900	3.77	0.0	0.0	0.0	0.34	1.03
#15	900 -1000	11.03	3.89	0.0	0.0	0.32	0.97
#16	1000 -1100	17.65	4.10	0.0	0.0	0.0	0.0
#17	1100 -1200	3.10	1.72	0.0	0.0	0.0	0.0
#26	1200 -1300	0.0	1.59	1.99	0.4+1.2*	0.40	0.40
#27	1300 -1400	0.36	0.36	0.0	0.36	0.36	0.72
#28	1400 -1500	0.0	0.0	0.36	2.15*	0.0	0.0

* Eucopia cf australis

Table 13.2. RMT8 Mysidacea, 0-1500m Night Series
Nos. per 10,000cu m of water filtered.

Station	Depth ranges (m)	E. unguiculata	E. sculpticauda	E. grimaldii	E. australis	Gnathophausia spp.	All other species or unidentified
11261#73	0 - 25	0.0	0.0	0.0	0.0	0.0	0.0
#74	25 - 50	0.0	0.0	0.0	0.0	0.0	0.0
#75	50 - 100	0.0	0.0	0.0	0.0	0.0	0.0
#39	0 - 100	0.0	0.0	0.0	0.0	0.0	0.0
#40	100 - 200	0.0	0.0	0.0	0.0	0.0	0.0
#41	200 - 300	0.0	0.0	0.0	0.0	0.0	0.0
#22	300 - 400	0.0	0.0	0.0	0.0	0.35	0.0
#23	400 - 500	0.0	0.0	0.0	0.0	0.0	0.0
#24	500 - 600	0.0	0.0	0.0	0.0	0.0	0.0
#61	600 - 700	0.35	0.0	0.0	0.0	0.0	0.35
#62	700 - 800	1.25	0.0	0.0	0.0	0.0	0.62
#38	800 - 895	6.32	0.0	0.0	0.0	0.0	0.37
#19	910 -1000	15.46	4.64	0.0	0.0	0.0	0.0
#20	1000 -1100	12.18	2.03	0.0	0.0	0.0	1.16
#21	1100 -1200	2.10	3.50	0.0	0.35*	0.0	0.35
#66	1200 -1300	0.32	1.93	0.0	0.0	0.32	0.64
#67	1300 -1400	0.0	0.30	0.61	0.61*	0.30	0.30
#68	1400 -1520	0.0	0.0	0.0	0.69	0.0	0.69

* Eucopia cf australis

Table 13.3 .RMT8 hauls for Mysidacea, Deep Midwater Series
Nos. per 10,000cu m of water filtered

Station	Depth ranges(m)	E. unguiculata	E. sculpticauda	E. australis	Boreomysis spp.	All other species and unidentified
11262#01	1500 -1910	0.0	0.0	0.44	0.0	0.0
# 2	1910 -2315	0.0	0.44	0.0	0.0	0.0
# 3	2310 -2700	0.0 (0.17)	0.0	0.17	0.0	0.0
# 4	2700 -3110	0.0	0.0	0.15	0.15	0.0
# 5	3110 -3500	0.0	0.0	0.33*	0.0	0.0
# 6	3330 -3910	0.0	0.0	0.0	0.15	0.0
#10	3900 -4295	0.0	0.0	0.0	0.0	0.0
#11	4295 -4720	0.0	0.0	0.0	0.0	0.0 (0.16)
#12	4720 -5110	0.0	0.0	0.0	0.0	0.0
11261#48	5132 -5233	0.0	0.0	0.0	0.0	0.0
#47	5233 -5325	0.0	0.0	0.0	0.0	0.0
#46	5325 -5427	0.0	0.0	0.0	0.0	0.0
11261#54	5388 -5347(49-90mob)	0.0	0.0	0.0	0.0	0.0
#55	5388 -5415(24-55mob)	0.0	0.0	0.0	0.0	0.0
#56	5415 -5425(11-25mob)	0.0	0.0	0.0	0.36	0.0
#63	5345 -5385(48-90mob)	0.0	0.0	0.0	0.0	0.0
#64	5385 -5410(25-48mob)	0.0	0.0	0.0	0.0	0.0
#65	5410 -5430(11-31mob)	0.0	0.0	0.0	0.18	0.0
11262#25	5340 -5375(51-90mob)	0.0 (0.32)	0.0	0.0	0.16	0.0
#26	5375 -5415(25-51mob)	0.0	0.0	0.0	0.16	0.0
#27	5415 -5430(10-25mob)	0.0 (0.17)	0.0	0.0	0.17	0.0

* Eucopia cf australis

Table 13.4. The distribution of males, females and juveniles of Eucopia unguiculata day and night above 1500m.

Depth range	Total Nos.	Males	Females	Juveniles	
2- 25	0.0	0.0	0.0	0.0	
25- 50	0.0	0.0	0.0	0.0	
50- 100	0.0	0.0	0.0	0.0	
0- 100	0.0	0.0	0.0	0.0	
100- 200	0.0	0.0	0.0	0.0	
200- 300	0.0	0.0	0.0	0.0	
300- 400	0.0	0.0	0.0	0.0	
400- 500	0.0	0.0	0.0	0.0	
400- 500	0.0	0.0	0.0	0.0	
500- 600	0.0	0.0	0.0	0.0	
500- 600	0.0	0.0	0.0	0.0	Day
600- 700	0.0	0.0	0.0	0.0	
700- 800	0.0	0.0	0.0	0.0	
800- 900	3.78	1.03	0.69	2.06	
900-1000	11.03	4.54	4.87	1.62	
1000-1100	17.64	4.41	11.34	1.89	
1100-1200	3.10	0.0	3.10	0.0	
1200-1300	0.0	0.0	0.0	0.0	
1300-1400	0.36	0.36	0.0	0.0	
1400-1500	0.0	0.0	0.0	0.0	
0- 25	0.0	0.0	0.0	0.0	
25- 50	0.0	0.0	0.0	0.0	
50- 100	0.0	0.0	0.0	0.0	
0- 100	0.0	0.0	0.0	0.0	
100- 200	0.0	0.0	0.0	0.0	
200- 300	0.0	0.0	0.0	0.0	
300- 400	0.0	0.0	0.0	0.0	
400- 500	0.0	0.0	0.0	0.0	
500- 600	0.0	0.0	0.0	0.0	Night
600- 700	0.35	0.0	0.35	0.0	
700- 800	1.25	0.0	0.0	1.25	
800- 895	6.31	1.86	3.34	1.11	
910-1000	15.45	2.32	3.86	9.27	
1000-1110	12.18	3.48	6.38	2.32	
1100-1200	2.10	0.0	2.10	0.0	
1200-1300	0.32	0.0	0.32	0.0	
1300-1400	0.0	0.0	0.0	0.0	
1400-1520	0.0	0.0	0.0	0.0	

Table 14.1 Isopoda in RMT1 hauls fished between 600m and 1500m

			Parasellota	Epicarida								
				Cryptomiscins						Dajid	larvae	
Station	Depth(m)	Day/ Night	Paramunnopsis oceanica	C	D	M	N	P	Q	A		Total
11261# 4	600-700	D							4			4
34	600-800	N									4	4
5	700-800	D						4				4
62	700-800	N									8	8
38	800-895	N					4					4
21	1100-1200	N				2						2
26	1200-1300	D								2		2
66	1200-1300	N			2							2
67	1300-1500	D									2	2
28	1400-1500	D									2	2
68	1400-1520	N	2	8							4	14
Total			2	8	2	2	4	4	4	2	20	48

Table 14.2 Isopoda in RMT 1 hauls fished between 1500m and 5325m (ca. 100m above bottom).

		Parasellota	Epicaridea										
			Cryptoniscins									Dajid	
Station	Depth(m)	?Munnopsidae gen. nov.	A	B	C	E	F	G	H	J	K	D	Total
11262# 1	1500-1910										1		1
2	1910-2315				1						1		2
3	2310-2700								5	1			6
4	2700-3110				1								1
5	3110-3500	1			2		1	1					5
6	3330-3910				1							1	2
10	3900-4295				7	1						3	8
12	4720-5110		1	1									2
11261#48	5132-5233												-
47	5233-5325												-
Total		1	1	2	16	1	1	1	5	1	2	4	35

Table 14.3 Isopoda collected in RMT 1 hauls fished beween 5325m and 5430m (100-10m above bottom).

Station	Depth(m)	*Acanthocope* aff. *galatheae*	*Munneurycope* ? *murrayi*	*Munneurycope* sp.	*Paramunnopsis oceanica*	*Paramunnopsis* ? nov.	*Paramunnopsis* sp.	? Munnopsidae gen. nov.	Cryptoniscid A	Cryptoniscid C	Cryptoniscid L	Dajid B	Dajid D	Total
11261#46	5325-5427					2		1		5				8
54	5388-5347(49-90mob)			1		2				1				4
63	5345-5385(48-90mob)					1								1
11262#25	5340-5375(51-90mob)		1					1		2		1		5
11261#55	5388-5415(24-55mob)	1				1						1		3
64	5385-5410(25-48mob)					2		2						4
11262#26	5375-5415(25-51mob)			1	5	2				2		1		11
11261#56	5415-5425(11-25mob)													-
65	5410-5430(11-31mob)							1		3				4
11262#27	5410-5430(10-25mob)				1	1	1		2	5	1			11
Total		1	1	2	6	11	1	5	2	18	1	1	2	51

Table 15.1.1

Amphipoda Hyperiidea, RMT1.
Numbers per 1000cu m of the more abundant genera in 0-1500m hauls.

Nominal depth ranges(m)	Scina		Paraphronima		Lycaropsis		Euprone	
	Day	Night	Day	Night	Day	Night	Day	Night
2 - 25	-	24.83	-	0.73	-	-	3.73	0.73
25 - 50	-	32.34	-	0.79	5.96	-	6.71	-
50 - 100	-	0.75	25.37	3.00	185.53	-	23.19	48.03
0 - 100	6.52	0.74	6.52	27.48	6.52	-	0.72	11.89
100 - 200	-	0.77	17.31	1.54	0.75	-	76.78	27.71
200 - 300	8.75	0.73	-	-	-	-	0.73	-
300 - 400	15.54	4.65	-	-	-	-	-	-
400 - 500	14.35	18.82	-	-	-	-	-	-
500 - 600	18.83	0.74	-	-	-	-	-	0.74
600 - 700	5.96	3.10	1.49	-	-	-	-	-
700 - 800	3.91	2.85	-	-	-	-	-	-
800 - 900	1.45	-	-	-	-	-	-	-
900 -1000	0.75	0.82	-	-	-	-	-	-
1000 -1100	1.56	1.41	-	-	-	-	-	-
1100 -1200	2.19	0.74	-	-	-	-	-	-
1200 -1300	-	1.50	-	-	-	-	-	-
1300 -1400	0.86	-	-	-	-	-	-	-
1400 -1500	0.75	0.73	-	-	-	-	-	-

Table 15.1.2

Amphipoda Hyperiidea, RMT1.
Numbers per 1000cu m of the more abundant genera in 0-1500m hauls.

Nominal depth ranges(m)	Hyperietta		Hyperioides		Lostrigonus	
	Day	Night	Day	Night	Day	Night
2 - 25	6.71	128.53	-	105.89	3.73	0.73
25 - 50	7.45	153.79	-	593.08	24.59	3.94
50 - 100	233.37	48.03	3.62	51.78	60.88	27.02
0 - 100	63.72	71.68	34.75	-	60.82	26.00
100 - 200	0.75	13.86	149.04	-	28.60	0.77
200 - 300	2.92	-	33.53	-	-	-
300 - 400	-	-	3.11	-	-	1.55
400 - 500	-	6.27	0.81	-	-	-
500 - 600	-	-	-	-	-	-
600 - 700	-	-	-	-	-	-
700 - 800	-	-	-	-	-	-
800 - 900	-	-	-	-	-	-
900 -1000	-	-	-	-	-	-
1000 -1100	-	-	-	-	-	-
1100 -1200	-	-	-	-	-	-
1200 -1300	-	-	-	-	-	-
1300 -1400	-	-	-	-	-	-
1400 -1500	-	-	-	-	-	-

Table 15.1.3

Amphipoda Hyperiidea, RMT1.
Numbers per 1000cu m of the more abundant genera in 0-1500m hauls.

Nominal depth ranges(m)	Phronima		Phronimella		Phrosine		Primno	
	Day	Night	Day	Night	Day	Night	Day	Night
2 - 25	-	45.28	-	19.72	-	62.08	-	-
25 - 50	5.96	1.58	-	-	6.71	156.95	18.63	153.79
50 - 100	131.18	1.50	17.39	3.00	102.91	82.55	23.19	317.44
0 - 100	55.75	64.63	15.21	23.77	105.71	80.23	123.09	132.97
100 - 200	133.99	2.31	30.11	0.77	100.11	0.77	131.73	41.57
200 - 300	3.64	0.73	0.73	-	0.73	1.46	10.20	28.41
300 - 400	-	-	-	-	3.11	1.55	-	9.30
400 - 500	-	-	0.81	-	-	0.78	0.81	1.57
500 - 600	0.78	-	-	-	0.73	-	-	1.48
600 - 700	2.23	3.10	-	-	0.74	-	3.92	8.52
700 - 800	0.78	0.77	-	-	-	-	3.72	4.83
800 - 900	-	0.78	-	-	-	-	1.56	3.89
900 -1000	0.75	2.47	-	-	-	-	0.75	0.82
1000 -1100	9.34	7.74	-	-	-	-	-	-
1100 -1200	4.38	1.48	-	-	-	-	1.46	-
1200 -1300	-	2.25	-	-	-	-	-	-
1300 -1400	-	-	-	-	-	-	0.86	-
1400 -1500	-	-	-	-	-	-	0.75	-

Table 15.1.4. Amphipoda Hyperiidea, RMT 1. Numbers per 1000m³ of genera occurring in low abundance in 0-1500m hauls by day and night. 1. Scinoidea, Lanceoloidea, Vibilioidea, Phronimoidea.

	DAY		NIGHT	
	Depth (m)	Numbers	Depth (m)	Numbers
HYPERIIDEA				
SCINOIDEA				
ARCHAEOSCINIDAE				
Archaeoscina	1000-1100	1.56	1000-1110	0.70
	1300-1400	1.72	1400-1520	0.73
MIMONECTIDAE				
Mimonectes	300-400	6.21	400-500	3.14
	1000-1100	7.78	700-800	1.73
	1300-1400	0.86	800-895	1.56
			1000-1110	0.70
SCINIDAE				
Ctenoscina	400-500	0.81		
LANCEOLOIDEA				
MICROPHASMIDAE				
Microphasma	1100-1200	0.73	1000-1110	0.70
LANCEOLIDAE				
Lanceola	500-600	0.78		
	600-700	0.74		
	1200-1300	1.68		
	1300-1400	0.86		
Scypholanceola	1300-1400	0.86		
VIBILIOIDEA				
VIBILIIDAE				
Vibilia	500-600	0.73	0-25	0.73
	500-600	5.49	25-50	3.94
	600-700	1.49	50-100	0.75
	800-900	0.73		
	1300-1400	0.86		
PHRONIMOIDEA				
HYPERIIDAE				
Hyperionyx	600-700	1.49	0-100	11.89
	700-800	3.13	700-800	3.09
Themistella			910-1000	0.82
DAIRELLIDAE				
Dairella	1200-1300	0.84		
PHROSINIDAE				
Anchylomera	2-25	4.47	0-100	1.49
	25-50	21.61		
	50-100	2.17		
	0-100	6.52		

Table 15.1.5. Amphipoda Hyperiidea, RMT 1. Numbers per 1000m³ of genera and species occurring in low abundance in 0-1500m hauls by day and night. 2. Platysceloidea.

	DAY		NIGHT	
	Depth (m)	Numbers	Depth (m)	Numbers
HYPERIIDEA				
PLATYSCELOIDEA				
PRONOIDAE				
Pronoe			100-200	0.77
Parapronoe			0-25	0.73
Sympronoe	50-100	0.72		
LYCAEIDAE				
Lycaea	0-100	5.79		
	600-700	0.74		
Brachyscelus	25-50	1.49	0-25	0.73
	0-100	5.79	25-50	1.58
	800-900	0.73	50-100	0.75
			100-200	0.77
Pseudolycaea	700-800	5.47	0-25	0.73
			50-100	0.75
			0-100	12.63
Thamneus	2-25	0.75	0-25	11.68
	50-100	11.60		
Tryphana	100-200	0.75	50-100	0.75
	200-300	2.92		
OXYCEPHALIDAE				
Oxycephalus	2-25	0.75	0-25	2.92
	25-50	0.75	50-100	2.25
	0-100	1.45	0-100	1.49
	100-200	1.51		
Cranocephalus			25-50	0.79
Leptocotis	50-100	11.60	25-50	25.24
Rhabdosoma	50-100	13.05		
Streetsia	50-100	11.60	0-25	2.92
			0-100	0.74
PLATYSCELIDAE				
Platyscelus			0-100	0.74
Amphithyrus	2-25	1.49	50-100	2.25
	50-100	4.35		
	0-100	2.17		
	100-200	2.26		

Table 15.1.5 continued

	DAY		NIGHT	
	Depth (m)	Numbers	Depth (m)	Numbers
Hemityphis	25-50	1.49	25-50	2.37
	50-100	5.80	50-100	3.00
	0-100	1.45	0-100	0.74
			100-200	2.31
Paratyphis	25-50	14.90	0-25	1.46
	50-100	16.67	50-100	3.75
	0-100	2.17	0-100	1.49
	100-200	0.75		
PARASCELIDAE				
Thyropus			0-25	2.19
			25-50	2.37
			50-100	1.50
			0-100	3.71

Table 15.1.6. Amphipoda, Hyperiidea, RMT1. Numbers per 1000m³ of genera occurring in deep and near-bottom hauls.

	Depth (m)		Numbers
HYPERIIDEA			
SCINOIDEA			
ARCHAEOSCINIDAE			
Archaeoscina	1910-2315		0.18
SCINIDAE			
Scina	1500-1910		0.44
	5410-5430	(11-31mob)	0.19
LANCEOLOIDEA			
MICROPHASMIDAE			
Microphasma	1910-2315		0.37
	2310-2700		0.89
	3110-3500		0.14
LANCEOLIDAE			
Lanceola	1910-2315		0.18
	2310-2700		0.89
	3110-3500		0.41
	4295-4720		0.20
	4720-5110		0.18
	5415-5425	(11-25mob)	0.19
Scypholanceola	3330-3910		0.31
VIBILIOIDEA			
VIBILIIDAE			
Vibilia	1500-1910		0.15
	5132-5233		0.18

Table 15.1.7

Amphipoda Hyperiidea, RMT8.
Numbers per 10000cu m of the more abundant genera in 0-1500m hauls.

Nominal depth ranges(m)	Scina		Vibilia		Paraphronima	
	Day	Night	Day	Night	Day	Night
2 - 25	-	0.59	-	0.88	-	0.88
25 - 50	-	-	-	0.32	-	-
50 - 100	-	0.36	-	-	-	-
0 - 100	-	0.62	-	0.62	-	9.05
100 - 200	-	-	-	-	0.61	-
200 - 300	0.58	0.34	-	-	1.75	-
300 - 400	-	-	-	-	-	-
400 - 500	-	0.32	0.68	-	-	0.32
500 - 600	0.93	0.70	0.64	-	-	-
600 - 700	-	-	-	0.35	-	-
700 - 800	0.32	-	0.32	-	-	-
800 - 900	0.69	0.37	-	-	-	-
900 -1000	0.32	-	-	-	-	0.39
1000 -1100	-	-	-	0.58	-	-
1100 -1200	0.69	0.35	-	-	-	0.35
1200 -1300	1.20	1.29	-	0.32	-	0.32
1300 -1400	0.72	0.91	0.72	-	-	-
1400 -1500	-	0.69	-	0.34	-	-

Table 15.1.8

Amphipoda Hyperiidea, RMT1.
Numbers per 10000cu m of the more abundant genera in 0-1500m hauls.

Nominal depth ranges(m)	Phronima		Phronimella		Phrosine		Primno	
	Day	Night	Day	Night	Day	Night	Day	Night
2 - 25	-	7.95	-	1.77	-	1.77	-	-
25 - 50	0.59	0.64	-	-	1.48	-	-	-
50 - 100	7.81	1.07	1.36	-	2.72	0.71	-	-
0 - 100	8.48	4.68	1.70	9.37	2.38	1.56	-	0.31
100 - 200	21.20	0.31	10.60	-	0.61	-	0.30	-
200 - 300	5.84	0.68	1.17	-	0.58	1.37	0.29	-
300 - 400	5.90	2.07	0.69	-	0.35	3.54	-	2.42
400 - 500	0.34	-	-	0.32	-	0.32	0.34	-
500 - 600	-	-	-	0.35	-	0.35	0.64	0.70
600 - 700	-	0.35	0.31	-	-	-	-	1.38
700 - 800	0.32	0.31	-	-	-	-	0.63	0.62
800 - 900	-	0.74	-	-	-	-	-	-
900 -1000	-	1.16	-	-	-	-	-	-
1000 -1100	-	1.16	-	-	-	-	-	-
1100 -1200	0.34	0.35	-	-	-	-	-	-
1200 -1300	-	0.64	-	-	-	-	-	-
1300 -1400	-	-	-	-	-	-	-	-
1400 -1500	-	-	-	-	-	-	-	-

Table 15.1.9

Amphipoda Hyperiidea,RMT1.
Numbers per 10000cu m of the more abundant genera in 0-1500m hauls.

Nominal depth ranges(m)	Parapronoe		Streetsia	
	Day	Night	Day	Night
2 - 25	-	-	-	5.30
25 - 50	-	-	-	-
50 - 100	-	-	-	2.49
0 - 100	-	-	-	11.55
100 - 200	0.61	0.31	3.03	-
200 - 300	2.04	0.68	-	-
300 - 400	-	1.04	-	-
400 - 500	-	-	-	-
500 - 600	0.31	-	-	0.35
600 - 700	0.31	-	-	-
700 - 800	-	-	-	-
800 - 900	0.34	-	-	-
900 -1000	-	-	-	0.77
1000 -1100	0.32	-	-	-
1100 -1200	-	0.35	-	-
1200 -1300	-	-	-	-
1300 -1400	-	-	-	-
1400 -1500	-	-	-	-

Table 15.1.10. Amphipoda, Hyperiidea, RMT 8. Numbers per 10000m³ of genera occurring in low abundance in 0-1500m hauls by day and night.

	DAY		NIGHT	
	Depth (m)	Numbers	Depth (m)	Numbers
HYPERIIDEA				
SCINOIDEA				
ARCHAEOSCINIDAE				
Archaeoscina			1100-1200	0.35
			1300-1400	0.61
MIMONECTIDAE				
Mimonectes	1300-1400	0.72	1300-1400	0.61
LANCEOLOIDEA				
MICROPHASMIDAE				
Microphasma			910-1000	0.39
			1000-1110	0.29
			1200-1300	0.32
			1400-1520	0.34
LANCEOLIDAE				
Lanceola	1000-1100	0.63	100-200	0.31
	1100-1200	0.34	700-800	0.31
			1000-1110	0.58
			1100-1200	0.35
Megalanceola			1100-1200	0.35
Scypholanceola	900-1000	0.65		
	1000-1100	0.32		
VIBILIOIDEA				
CYSTISOMATIDAE				
Cystisoma	200-300	0.88	300-400	0.69
	300-400	1.04	600-700	0.35
			700-800	0.43
			910-1000	0.39
			1000-1110	0.29
PHRONIMOIDEA				
PHROSINIDAE				
Anchylomera	25-50	4.14	0-25	0.59
			0-100	0.62
			200-300	0.34
LYCAEOPSOIDEA				
LYCAEOPSIDAE				
Lycaeopsis			0-100	0.31
PLATYSCELOIDEA				
PRONOIDAE				
Pronoe	200-300	0.88		
Eupronoe	2-25	0.32	0-25	0.29
	100-200	0.30	200-300	0.34
	200-300	0.29		
Sympronoe	50-100	0.34		

Table 15.1.10 continued

	DAY		NIGHT	
	Depth (m)	Numbers	Depth (m)	Numbers
LYCAEIDAE				
Lycaea			0-25	0.29
Brachyscelus	25-50	0.59	200-300	1.37
	50-100	1.02	300-400	1.04
	100-200	0.61	400-500	0.64
	400-500	0.34		
Pseudolycaea	600-700	1.88	50-100	0.36
			100-200	0.62
OXYCEPHALIDAE				
Oxycephalus	2-25	0.32	0-25	0.88
	25-50	1.18	0-100	0.62
	0-100	1.02		
	100-200	0.30		
Calamorhynchus	50-100	1.36	0-25	1.18
	100-200	0.61	0-100	0.62
Leptocetis			0-25	0.59
			0-100	0.31
Rhabdosoma	50-100	0.68	0-25	1.18
	100-200	0.30		
	200-300	0.29		
PLATYSCELIDAE				
Platyscelus	100-200	3.94	300-400	0.69
	600-700	0.31	700-800	0.43
Hemityphus	25-50	0.30	200-300	0.68
	0-100	0.68	700-800	0.43

Table 15.1.11. Amphipoda Hyperiidea, RMT8. Numbers per 10000m³ of genera occurring in deep and near-bottom hauls.

	Depth (m)		Numbers
HYPERIIDEA			
SCINOIDEA			
MIMONECTIDAE			
Mimonectes	4295-4720		0.16
SCINIDAE			
Scina	1500-1910		0.44
	2310-2700		0.17
LANCEOLOIDEA			
MICROPHASMIDAE			
Microphasma	2700-3110		0.30
LANCEOLIDAE			
Lanceola	1910-2315		0.15
	2700-3110		0.45
	3110-3500		0.22
	3300-3910		0.15
	3900-4295		0.17
	5410-5430	(11-31mob)	0.18
	5415-5430	(10-25mob)	0.34
Scypholanceola	1500-1910		0.15
VIBILIOIDEA			
VIBILIIDAE			
Vibilia	1500-1910		0.15

Table 15.2.1

Amphipoda Gammeridea, RMT1.
Numbers per 1000cu m of species in 0-1500m hauls.

Nominal depth ranges(m)	Cyphoceris anonyx		Cyphoceris challengeri		Parandania boecki		Stenopleura atlantica	
	Day	Night	Day	Night	Day	Night	Day	Night
2 - 25	-	-	-	-	-	-	-	11.68
25 - 50	-	-	-	-	-	-	-	78.87
50 - 100	-	-	-	-	-	-	-	-
0 - 100	-	-	-	-	-	-	5.79	-
100 - 200	-	-	-	0.77	-	-	-	0.77
200 - 300	-	-	0.73	0.73	-	-	12.39	-
300 - 400	-	1.55	3.88	1.55	-	-	-	3.10
400 - 500	-	10.19	-	-	-	-	-	-
500 - 600	12.55	-	0.78	-	-	-	1.15	-
600 - 700	2.23	-	-	-	-	-	2.98	-
700 - 800	2.34	-	-	-	-	0.39	0.78	-
800 - 900	-	-	-	-	-	-	-	-
900 -1000	-	0.82	-	-	-	-	-	-
1000 -1100	-	2.11	-	-	0.39	-	-	-
1100 -1200	-	1.48	-	-	-	-	-	-
1200 -1300	-	-	-	-	-	-	-	-
1300 -1400	-	0.76	-	-	-	-	-	-
1400 -1500	0.75	-	-	-	-	-	-	-

Table 15.2.2. Amphipoda Gammaridea, RMT 1. Numbers per 1000m³ of species occurring in deep and near-bottom hauls.

	Depth (m)		Numbers
GAMMARIDEA			
LYSIANASSOIDEA			
'LYSIANASSIDAE'			
Cyclocaris sp. nov.	5385-5410	(25-48mob)	0.18
Cyphocaris anonyx*	1500-1910		0.15
Cyphocaris richardi*	2310-2700		0.36
Eucallisoma sp.nov.	5388-5415	(24-55mob)	0.20
Hirondellea sp. nov. C	5345-5385	(48-90mob)	0.19
Hirondellea sp. nov. D	5385-5410	(25-48mob)	0.18
Orchomene gerulicorbis	3110-3500		0.14
	5325-5427		0.18
	5375-5415	(25-51mob)	0.20
Paracyphocaris praedator*	1910-2315		0.18
Paralicella caperesca	5385-5410	(25-48mob)	0.35
	5410-5430	(11-31mob)	0.19
	5415-5430	(10-25mob)	0.55
Paralicella tenuipes	4720-5110		0.36
	5325-5427		0.18
	5388-5347	(49-90mob)	0.57
	5345-5385	(48-90mob)	0.19
	5340-5375	(51-90mob)	0.38
	5388-5415	(24-55mob)	0.40
	5385-5410	(25-48mob)	1.41
	5375-5415	(25-51mob)	1.19
	5415-5430	(10-25mob)	0.55
EUSIROIDEA			
EUSIRIDAE			
Eusirella cf. valdiviae*	2700-3110		0.18
Eusirus sp.	5388-5415	(24-55mob)	0.20
	5415-5430	(10-25mob)	0.18
Rhachotropis sp. indet.	5325-5427		0.18
	5415-5430	(10-25mob)	0.18
PARDALISCOIDEA			
PARDALISCIDAE			
Halice aculeata*	2310-2700		0.18
	3330-3910		0.16
	4295-4720		0.20
Halice secunda*	2310-2700		0.18
Pardaliscidae gen. nov.*	2310-2700		0.72
Pardaliscidae gen. indet.*	3330-3910		0.16

Table 15.2.3. Amphipoda Gammaridea, RMT 8. Numbers per 10000m³ of species in 0-1500m hauls by day and night.

	DAY		NIGHT	
	Depth (m)	Numbers	Depth (m)	Numbers
GAMMARIDEA				
LYSIANASSOIDEA				
'LYSIANASSIDAE'				
Cyphocaris anonyx	1100-1200	1.03	500-600	0.35
	1200-1300	1.59	910-1000	0.39
	1300-1400	0.36	1000-1100	0.58
			1100-1200	0.70
			1300-1400	0.67
Cyphocaris challengeri	200-300	0.29	300-400	0.69
	300-400	0.69	400-500	0.32
	400-500	0.34	700-800	0.31
	500-600	0.32		
STEGOCEPHALOIDEA				
STEGOCEPHALIDAE				
Parandania boecki	900-1000	0.97	910-1000	0.39

Table 15.2.4. Amphipoda Gammaridea, RMT 8. Numbers per 10000m³ of species occurring in deep and near-bottom hauls.

	Depth (m)		Numbers
GAMMARIDEA			
LYSIANASSOIDEA			
'LYSIANASSIDAE'			
Cyclocaris sp. nov.	3330-3900		0.15
	5415-5425	(11-25mob)	0.18
Cyphocaris anonyx*	1500-1910		0.15
Cyphocaris richardi*	1500-1910		0.15
	2310-2700		0.17
Eurythenes gryllus	5410-5430	(11-31mob)	0.18
	5415-5430	(10-25mob)	0.17
Hirondellea sp. nov. B	4720-5110		0.17
Orchomene gerulicorbis	3110-3500		0.11
	5325-5427		0.15
	5375-5415	(25-51mob)	0.16
Paralicella caperesca	4295-4700		0.16
	5325-5427		0.15
	5375-5415	(25-51mob)	0.16
	5410-5430	(11-31mob)	0.18
	5410-5430	(10-25mob)	0.17
Paralicella tenuipes	4295-4700		0.16
	5325-5427		0.15
	5340-5375	(51-90mob)	0.32
EUSIROIDEA			
EUSIRIDAE			
Cleonardo sp. nov. B	5375-5415	(25-51mob)	0.16
PARDALISCOIDEA			
PARDALISCIDAE			
Halice macronyx*	3900-4295		0.17

*Fully pelagic species

Table 15.2.5. Amphipoda Gammaridea of known epibenthic affinities which have been taken in midwater nets.

Species	Maximum depth (m) of shallowest positive haul	Distance above bottom (m)
Cyclocaris sp. nov.	3900	1540
Eucallisoma sp. nov.	5415	24
Eurythenes gryllus	5430	10
Hirondellea sp. nov. B	5110	330
Hirondellea sp. nov. C	5385	48
Hirondellea sp. nov. D	5410	25
Orchomene gerulicorbis	3500	1940
Paralicella caperesca	4700	740
Paralicella tenuipes	4700	740
Cleonardo sp. nov. B	5415	25
Eusirus sp.	5415	24
Rhachotrophis sp. indet.	5427	c10

Table 16.1. Euphausiacea: vertical distributions of adults/subadults (RMT 1 species) by day and night. Nos per 1000m³ of water filtered. (+ = bimodal night distribution).

Species	Day range (m)	Day max. (m)	Night range (m)	Night max. (m)	Total nos Day	Total nos Night
S. abbreviatum	-	-	100-400	100-200	-	3.08
S. suhmii	50-100	50-100	50-200	50-200	-	9.34
S. elongatum	300-600	300-400	0-500	200-300	15.52	31.44
S. longicorne short	0-400	300-400	0-400	200-300	19.58	36.28
S. affine	50-200	100-200	100-300	100-200	2.98	5.32
S. carinatum	-	-	0-25	0-25	-	1.46
T. aequalis	500-900	600-700	0-300	25-50	10.68	34.25
N. tenella 1,2/2,3	400-800	500-600	100-800	100-200+ 600-700	14.8	12.22
N. microps 0/0	400-1000	600-700	100-900	100-200	13.72	15.28
N. atlantica 3/4	500-1000	600-700	100-800	700-800	10.59	3.82
E. hemigibba	500-900	500-600	0-300	50-100	83.6	196.37
E. brevis	300-1200	400-500	0-900	0-25	135.88	98.1
T. parva	700-1500	900-1000	500-2315	800-900	325.05	436.03
T. gregaria	-	-	0-100	0-100	-	0.74

Table 16.2. Euphausiacea: vertical distribution of adolescents (RMT1 species) by day and night. Nos per 1000m³ of water filtered. (* = very few specimens caught at night).

Species	Day range (m)	Day max. (m)	Night range (m)	Night max. (m)	Total nos Day	Total nos Night
S. abbreviatum	-	-	50-100	50-100	-	6.0
S. suhmii	25-200	100-200	25-200	25-50	30.8	126.19
S. elongatum	300-600	300-400	100-500	200-300	12.42	18.87
S. longicorne short	0-1200	100-200	100-400	100-200	83.99	3.82
S. affine	50-200	50-100	100-200	100-200	12.35	0.77
S. carinatum	-	-	0-100	0-100	-	0.74
S. maximum	-	-	200-300	200-300	-	0.73
T. aequalis/ T. obtusifrons	25-700	100-200	0-1000	0-25	47.74	50.85
T. aequalis	600-700	600-700	0-1000	25-50	0.74	26.22
N. tenella 1,2/2,3	50-600	50-100	25-1100	25-1100*	80.06	0.79
N. microps/ N. atlantica	25-1500	50-100	25-1200	50-100	138.11	337.37
E. hemigibba	500-700	500-600	0-1000	50-100	11.58	393.74
E. brevis	300-900	400-500	0-100	0-25	24.44	31.72
T. parva	500-1500	1200-1300	500-1500	800-900	356.94	353.51
T. gregaria	-	-	0-100	0-100	-	0.74
N. boopis	300-500	300-400	1100-1200	1100-1200	3.1	0.74
N. sexspinosus	-	-	200-300	200-300	-	0.73
B. amblyops	1000-1100	100-1100	1100-1500	1100-1500	0.78	1.47

Table 16.3. Euphausiacea: vertical distribution of larvae (RMT1 species) by day and night. Nos per 1000m³ of water filtered.

Species	Day range (m)	Day max. (m)	Night range (m)	Night max. (m)	Total nos Day	Total nos Night
S. abbreviatum	50-400	100-200	-	-	63.64	-
S. suhmii	-	-	0-100	25-50	-	210.64
S. elongatum	300-400	300-400	-	-	3.11	-
S. longicorne short	0-200	100-200	1100-1400	1000-1100	136.10	57.0
S. maximum	0-100	0-100	-	-	0.72	-
T. aequalis/						
T. obtusifrons	100-200	100-200	0-100	0-25	97.85	194.91
N. tenella 1,2/2,3	-	-	0-50	0-50	-	48.61
N. microps/						
N. atlantica	25-100	25-50	25-200	25-50	111.76	505.03
E. hemigibba	100-200	100-200	25-100	50-100	48.93	305.97
E. brevis	-	-	0-50	25-50	-	110.76
N. boopis	200-300	200-300	-	-	5.83	-

Table 16.4. Euphausiacea: vertical distribution of adults/subadults (RMT8 species) by day and night. Nos per 10000m³ of water filtered.

Species	Day range (m)	Day max. (m)	Night range (m)	Night max. (m)	Total nos Day	Total nos Night
S. maximum	300-600	300-600	300-700	400-500	0.67	7.09
S. robustum	400-700	600-700	200-400	200-300	2.29	2.41
T. obtusifrons	500-1400	600-700	200-800	300-400	31.95	14.36
T. bicuspidata	-	-	0-25	0-25	-	0.29
T. cornuta	-	-	1100-1500	1400-1500	-	1.04
T. egregia	-	-	1300-1400	1300-1400	-	0.30
T. pectinata	300-400	300-400	200-600	200-300	0.96	2.70
T. microphthalma	800-1200	800-900	400-1100	500-600	7.88	2.33
N. boopis	400-1100	400-500	300-1000	400-500	7.10	9.37
N. flexipes	400-600	400-600	0-300	0-100	1.32	1.62
N. sexspinosus	-	-	200-1100	200-300	-	7.14
B. ambylops	1400-1500	1400-1500	1400-1500	1400-1500	0.36	0.66

Table 16.5. Euphausiacea: vertical distribution of adolescents (RMT8 species) by day and night. Nos per 10000m³ of water filtered.

Species	Day range (m)	Day max. (m)	Night range (m)	Night max. (m)	Total nos Day	Total nos Night
T. microphthalma	500-900	600-700	300-700	400-500	1.87	8.34
T. cornuta	1300-1400	1300-1400	900-1500	1200-1300	0.36	6.14
T. cristata	200-400	300-400	-	-	0.64	-

Table 17.1. RMT8 hauls for decapoda species, 0-1500m Day Series
Nos. per 10,000 cu m of water filtered.

Hauls	Depth ranges (m)	O. spinosus (C)	P. richardi (C)	S. debilis (C)	A. purpurea (C)	Lucifer spp. (P)	Sergestes spp. (P)	F. villosa (P)	G. valens (P)	S. tenuiremis (P)	B. intermedia (P)	S. vigilax (P)
11261#29	2 - 25	0.0	0.0	0.0	0.0	15.14	12.62	0.32	0.0	0.0	0.0	0.0
#30	25 - 50	0.0	0.0	0.0	0.0	8.28	2.66	0.0	0.0	0.0	0.0	0.0
#31	50 - 100	0.0	0.68	0.0	0.0	0.68	23.10	0.0	0.0	0.0	0.0	0.0
#14	0 - 100	0.0	0.34	0.0	0.0	0.0	10.18	0.34	0.0	0.0	0.0	0.0
#13	100 - 200	0.0	0.30	0.0	0.0	0.0	3.33	0.30	0.0	0.0	0.0	2.42
#12	200 - 300	0.0	0.0	0.0	0.0	2.04	2.92	0.0	0.0	0.0	0.0	0.0
# 1	300 - 400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
* # 2	400 - 500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
* #32	400 - 500	0.0	0.0	0.0	0.0	0.68	1.71	0.0	0.0	0.0	0.0	0.0
* # 3	500 - 600	1.37	0.68	0.0	0.0	0.0	0.34	0.68	0.0	0.0	0.0	1.71
* #33	500 - 600	2.23	1.59	0.0	0.0	0.0	0.64	0.0	0.0	0.0	0.0	3.51
# 4	600 - 700	0.31	0.94	1.57	0.0	0.0	0.0	0.31	0.0	0.0	0.0	5.03
# 5	700 - 800	0.32	0.0	9.83	0.32	0.0	0.0	27.59	0.0	0.0	0.0	0.32
# 6	800 - 900	0.0	0.0	0.0	17.15	0.0	4.46	0.69	14.75	0.69	0.34	1.37
#15	900 -1000	0.0	0.0	0.0	18.49	0.0	0.65	0.0	10.70	0.97	2.92	0.0
#16	1000 -1100	0.0	0.0	0.0	12.29	0.0	0.0	0.0	1.89	4.10	13.55	0.32
#17	1100 -1200	0.0	0.0	0.0	8.26	0.0	0.0	0.0	1.72	1.38	22.02	0.0
#26	1200 -1300	0.0	0.0	0.0	0.40	0.0	0.0	0.0	0.0	0.40	11.56	0.0
#27	1300 -1400	0.0	0.0	0.0	0.36	0.0	0.0	0.0	0.0	1.43	3.22	0.0
#28	1400 -1500	0.0	0.0	0.0	0.0	0.0	0.36	0.0	0.36	0.36	0.36	0.0

P=penaeids
C=carids

Table 17.2. RMT8 hauls for decapod species, 0-1500m Night Series
Nos. per 10,000cu m of water filtered.

Haul	Depth ranges (m)	O. spinosus (C)	P. richardi (C)	S. debilis (C)	A. purpurea (C)	Lucifer spp. (P)	Sergestes spp. (P)	F. villosa (P)	G. valens (P)	S. tenuiremis (P)	B. intermedia (P)	S. vigilax (P)
11261#74	25 - 50	0.32	0.0	0.0	0.0	0.0	3.53	6.74	0.0	0.0	0.0	1.6
#75	50 - 100	1.07	2.49	0.0	0.0	0.36	1.42	8.80	0.0	0.0	0.0	2.13
#39	0 - 100	0.0	0.0	0.31	0.0	10.30	9.68	17.80	0.0	0.0	0.0	0.0
#40	100 - 200	0.0	2.81	2.19	0.0	0.0	0.0	10.62	0.0	0.0	0.0	3.44
#41	200 - 300	0.68	0.68	1.71	1.03	0.0	0.34	0.0	0.0	0.0	0.0	0.0
#22	300 - 400	0.0	0.35	1.38	3.11	0.0	0.0	0.35	2.42	0.35	0.0	0.0
#23	400 - 500	0.0	0.0	0.64	5.45	0.32	0.0	0.32	7.05	0.32	0.0	0.0
#24	500 - 600	0.0	0.0	0.35	3.16	0.35	0.0	0.0	10.87	0.0	0.0	0.0
#61	600 - 700	0.0	0.0	0.0	4.49	0.0	0.0	0.0	0.35	0.0	0.0	0.0
#62	700 - 800	0.0	0.0	0.0	3.12	0.0	0.0	0.0	1.87	1.87	0.0	0.0
#38	800 - 895	0.0	0.0	0.37	4.46	0.0	0.74	0.0	2.60	0.37	0.0	0.0
#19	910 -1000	0.0	0.0	0.0	3.48	0.0	0.0	0.0	0.39	0.0	1.55	0.0
#20	1000 -1100	0.0	0.0	0.0	6.38	0.0	0.0	0.0	0.87	0.0	6.67	0.0
#21	1100 -1200	0.0	0.0	0.0	8.41	0.0	0.0	0.0	0.70	0.0	6.31	0.0
#66	1200 -1300	0.0	0.0	0.0	0.64	0.0	0.0	0.0	0.0	0.0	6.43	0.0
#67	1300 -1400	0.0	0.0	0.0	0.0	1.52	0.91	0.0	0.0	0.61	2.73	0.0
#68	1400 -1520	0.0	0.0	0.0	0.69	0.0	0.0	0.0	0.34	1.38	1.38	0.0

Table 17.3. RMT 8 decapod taxa occurring in relatively low numbers in the top 1500m day or night. Depth and numbers per 10,000 cu m of water filtered are indicated. Species are listed in approximate depth order.

Species	Day Depth (m) Nos.	Night Depth (m) Nos.
unidentified decapod larvae	2- 25 (1.58)	50- 100 (0.36)
	25- 50 (0.30)	0- 100 (0.94)
	50- 100 (0.34)	300- 400 (0.35)
	0- 100 (0.68)	500- 600 (0.35)
	200- 300 (0.88)	600- 700 (0.35)
	900-1000 (0.65)	910-1000 (0.77)
		1000-1100 (0.29)
		1200-1300 (3.54)
Gennadas sp. (P)	2- 25 (0.95)	0- 100 (0.31)
	50- 100 (0.34)	100- 200 (1.25)
		800- 895 (3.72)
		1300-1400 (0.30)
Sergestes splendens (P)	0- 100 (0.34)	50- 100 (1.07)
	600- 700 (0.31)	100- 200 (0.62)
	900-1000 (0.97)	200- 300 (0.68)
	1100-1200 (1.38)	1000-1100 (0.29)
		1100-1200 (0.35)
Sergestes sargassi (P)	400- 500 (0.34)	25- 50 (0.32)
	500- 600 (0.34)	500- 600 (0.35)
	500- 600 (1.28)	
	600- 700 (0.94)	
	900-1000 (0.32)	
	1100-1200 (0.34)	
Sergestes armatus (P)	500- 600 (0.68)	50- 100 (0.36)
	500- 600 (1.59)	
	600- 700 (0.63)	
	700- 800 (0.32)	
Sergestes cornutus (P)	400- 500 (0.34)	0- 100 (0.31)
	500- 600 (0.34)	
	500- 600 (0.32)	
Sergestes atlanticus	500- 600 (0.34)	50- 100 (0.36)
	600- 700 (0.31)	0- 100 (4.37)
	700- 800 (1.27)	200- 300 (1.71)
	1000-1100 (0.32)	700- 800 (0.31)
		800- 895 (0.37)
		1300-1400 (0.30)
Sergestes pectinatus (P)	500- 600 (1.59)	50- 100 (3.91)
	600- 700 (1.88)	
Sergestes henseni (P)	600- 700 (0.63)	300- 400 (0.35)
	900-1000 (0.65)	

Table 17.3 (cont.). RMT 8 decapod taxa occurring in relatively low numbers in the 0-1500m hauls day and night.

Species	Day Depth (m)	Nos.	Night Depth (m)	Nos.
Sergia phorcus (P)	-		200-300	(0.34)
Sergia grandis (P)	700- 800	(0.32)	200- 300	(0.34)
	800- 900	(0.34)	300- 400	(0.35)
			400- 500	(0.32)
Gennadas elegans (P)	800- 900	(0.69)	800- 895	(1.11)
Sergia japonicus (P)	800- 900	(0.34)	500- 600	(0.35)
	900-1000	(0.97)	910-1000	(0.39)
	1000-1100	(0.95)	1200-1300	(1.29)
	1400-1500	(0.36)		
Meningodora vesca (C)	800- 900	(0.34)	400- 500	(0.32)
			500- 600	(0.35)
Ephyrina sp. (C)	900-1000	(0.32)	1000-1100	(0.32)
	1000-1100	(0.95)		
Eupasiphea sp. (C)	900-1000	(0.32)	-	
Eupasiphaea gilesi (C)	-		600- 700	(0.35)
			800- 895	(0.37)
Parapasiphaea sulcatifrons (C)	900-1000	(0.32)	900-1000	(0.77)
	1000-1100	(1.58)	1000-1100	(0.58)
Pasiphaea hoplocerca (C)	900-1000	(0.32)	-	
Meningodora mollis (C)	1000-1100	(0.95)	-	
	1100-1200	(0.34)		
Hymenodora gracilis (C)	1200-1300	(0.40)	1400-1520	(2.06)
	1300-1400	(0.36)		
	1400-1500	(1.79)		
Acanthephyra stylorostratis (C)	1300-1400	(1.79)	1300-1400	(0.91)
	1400-1500	(1.79)	1400-1520	(1.03)
Petalidium obesum (P)	1200-1300	(0.40)	1100-1200	(0.70)
	1400-1500	(0.72)	1400-1520	(0.69)
Notostomous sp. (C)	1200-1300	(0.40)	1400-1520	(0.34)
Eryoneicus sp. (C)	1400-1500	(0.36)	-	

Table 17.4. RMT8 hauls for decapod species. Deep Midwater Series
Nos. per 10,000cu m of water filtered

Hauls	Depth ranges	A. microphthalma (C)	B. intermedis (P)	B. brasiliensis (P)	H. glacialis (C)	H. acanthitelsonis (C)
11262#01	1500 -1910	0.0	1.17	0.0	0.0	0.0
# 2	1910 -2315	0.0	0.29	0.0	0.15	0.0
# 3	2310 -2700	0.0	0.17	0.0	0.50	0.0
# 4	2700 -3110	0.30	0.0	0.0	0.90	0.0
# 5	3110 -3500	0.11	0.0	0.0	1.10	0.0
# 6	3330 -3910	0.15	0.0	0.0	1.17	0.0
#10	3900 -4295	0.17	0.0	0.0	0.35	0.0
#11	4295 -4720	0.0	0.0	0.0	0.48	0.0
#12	4720 -5110	0.0	0.0	0.0	0.0	0.0
11261#48	5132 -5233	0.0	0.0	0.0	0.17	0.34
#47	5233 -5325	0.15	0.0	0.0	0.0	0.0
#46	5325 -5427	0.0	0.0	0.0	0.0	0.0
11261#54	5388 -5347(49-90mob)	0.0	0.0	0.0	0.0	0.0
#55	5388 -5415(24-55mob)	0.0	0.0	0.16	0.0	0.16
#56	5415 -5425(11-25mob)	0.18	0.0	0.0	0.0	0.0
#63	5345 -5385(48-90mob)	0.0	0.0	0.0	0.0	0.0
#64	5385 -5410(25-48mob)	0.14	0.0	0.0	0.0	0.14
#65	5410 -5430(11-31mob)	0.18	0.0	0.18	0.0	0.36
11262#25	5340 -5375(51-90mob)	0.16	0.0	0.0	0.0	0.0
#26	5375 -5415(25-51mob)	0.0	0.0	0.0	0.0	0.0
#27	5415 -5430(10-25mob)	0.34	0.0	0.0	0.0	0.0

Table 17.5. RMT 8 infrequently occurring decapod taxa. Deep Midwater Series. In parenthesis are given the numbers per 10,000 cu m of water filtered.

Species	Depth (m)	Nos.	
Petalidium obesum (P)	1500-1910	(0.44)	
	1910-2315	(0.15)	
Sergia japonicus (P)	1500-1910	(0.29)	
	1910-2315	(0.44)	
Hymenodora gracilis (C)	1500-1900	(3.06)	
	1910-2315	(2.79)	
Acanthephyra stylorostratis (C)	1500-1910	(1.31)	
	1910-2315	(0.15)	
Acanthephyra gracilipes (C)	1910-2315	(0.59)	
	2700-3110	(0.15)	
Parapasiphaea sulcatifrons (C)	1910-2315	(0.15)	
Benthesicymus iridescens (P)	5340-5375	(0.16)	(51-90mob)
	5415-5430	(0.17)	(10-25mob)
Acanthephyra brevirostris (C)	5410-5430	(0.18)	(11-31mob)
Hymenodora sp. (C)	5375-5415	(0.16)	(25-51mob)
	5415-5430	(0.17)	(10-25mob)

Table 17.6. Numbers of specimens (unstandardised data) in OTSB (semi-balloon otter trawl)

Station	11261#44	11261#50	11261#58
Depth of haul	5440m	5440m	5440m
Species			
Acanthephyra microphthalma (C)	11	-	5
Benthesicymus iridescens (P)	135	42	56
Pleisiopenaeus armatus (P)	8	1	1
Hepomadus tener (P)	2	1	1

Table 17.7. *Lucifer typus* in the RMT1 catches. Day and night concentrations (nos/1000m^3) in depth horizons within the upper 200m.

Depth (m)	Day	Night
0-25	4.5	81.8
0-100	20.3	24.5
25-50	166.9	0
50-100	2.9	0
100-200	2.3	0

Table 17.8. Sergestid larvae* in the RMT1 catches. Day and night concentrations (nos/1000m^3) in depth horizons within the upper 300m.

Depth (m)	Day	Night
0-25	333.0	695.0
0-100	328.0	266.0
25-50	243.0	429.0
50-100	225.0	30.0
100-200	35.0	1.5
200-300	5.8	0.7

* Elephocaris, acanthosoma and mastigopus stages combined.

Table 17.9. Gennadas zoeas in the RMT1 catches. Day and night concentrations (nos/1000m^3) in depth horizons within the upper 300m.

Depth (m)	Day	Night
0-25	27	253.0
0-100	41.3	2.2
25-50	12.7	126.0
50-100	0.7	2.5
100-200	2.25	0
200-300	0	0

Table 19.1 Asteroid Bipinnaria larvae caught in the RMT 1, nos/1000m^3 water

Station	Depth	Size Fraction (mm) 0.32-1.0	1.0-4.5	0.32-4.5
		DAY		
11261#29	2-25	1.49	-	1.49
30	25-50	47.68	-	47.68
31	50-100	23.19	0.72	23.92
14	0-100	5.79	-	5.79
13	100-200	-	0.75	0.75
		NIGHT		
#74	25-50	-	1.58	1.58
75	50-100	48.03	-	48.03
39	0-100	11.891	-1	11.89
40	100-200	24.63	0.77	25.40

Table 19.2

Ophiuroid larvae caught in the RMT 1 - uncorrected numbers

		Size Fraction (mm)		
Station	Depth	0.32-1.0	1.0-4.5	0.32-4.5
11261#40	100-200	1	-	1
41	200-300	2	2	4
11262# 6	800-900	-	-	1
11261#48	5132-5233	-	-	1

Table 19.3

Holothurioidea Nos caught by the RMT 1 and RMT 8 (uncorrected)

RMT 1 Samples

Station	Depth	m Above Seabed	Number of Specimens	
			Scotothuria herringi	Benthodytes sp.
11261 #68	1400-1520	3920-4040	1	
11262 # 3	2310-2700	2740-3130	1	1
11262 #25	5340-5375	51-90	1	
11261 #55	5388-5415	24-55	1	
11261 #65	5410-5430	11-31	2	

RMT 8 Samples

Station	Depth	m Above Seabed	Number of Specimens		
			Scotothuria herringi	Enypniastes diaphana	Benthodytes sp.
11261 #19	910-1000	4440-4530			1
11261 #26	1200-1300	4140-4240			1
11262 # 3	2310-2700	2740-3130		1	
11261 #46	5325-5427	13-115	1		
11262 #25	5340-5375	51-90	1	1	
11261 #63	5345-5385	48-90	1		
11262 #26	5375-5415	25-51	3		
11261 #64	5385-5410	25-48	4		
11261 #55	5388-5415	24-55	2		
11261 #65	5410-5430	11-31	2	3	
11262 #27	5415-5430	10-25		1	

Table 19.4

Abundance of pelagic holothurians in WASP photographs

Station	Position N	Position W	Date	Depth	Volume of water photographed $10^5 m^3$	Abundance of pelagic holothurians Number per $10^5 m^3$ E.diaphana only	Verifiable* records	All possible* records
S126/6	31°09.9'	23°48.5'	21: 3:82	5418	2.40	5	13	14
10678	31°23.8'	24°34.2'	17: 3:83	5422	0.31	23	58	62
10693	31°39.5'	24°49.0'	23: 3:83	5433	2.25	9	20	23
11176	31°24.1'	25°15.9'	1 :11:84	5433	3.20	3	9	12
11178	31°26.9'	24°48.0'	3 :11:84	5433	2.59	21	26	32
						mean 12.2	25.2	28.6
						$\sigma n-1$ 9.2	19.5	20.3

*see text for explanation

Table 20.1 Resume of sampling effort for midwater fish, indicating abundance and minimum number of species per depth.

Day hauls 11261#	Depth	No. caught	No./$10^4 m^3$	Min. No. spp.
29	0-25	29	9.15	9
30	25-50	14	4.14	8
31	50-100	22	7.47	13
13	100-200	22	6.66	11
12	200-300	11	3.21	7
1	300-400	38	13.19	4
2	400-500	58	19.50	6
3	500-600	277	94.59	13
4	600-700	381	119.69	21
5	700-800	23	7.29	13
6	800-900	109	37.39	20
15	900-1000	143	46.38	16
16	1000-1100	82	25.84	13
17	1100-1200	59	20.30	8
26	1200-1300	57	22.71	5
27	1300-1400	50	17.89	5
28	1400-1500	41	14.68	9
Night hauls 11261#	**Depth**			
73	0-25	183	53.88	22
74	25-50	41	13.16	12
75	50-100	100	35.56	23
40	100-200	41	12.81	15
41	200-300	25	8.55	11
22	300-400	55	19.00	16
23	400-500	68	21.78	8
24	500-600	459	160.98	12
61	600-700	226	78.08	9
62	700-800	108	33.67	16
38	800-895	89	33.06	19
19	910-1000	121	46.76	17
20	1000-1100	84	24.36	11
21	1100-1200	55	19.27	7
66	1200-1300	97	31.19	10
67	1300-1400	49	14.86	6
68	1400-1500	38	13.08	5
11261#				
1	1500-1900	57	8.32	7

Table 20.2a STOMIATOIDEI List of species

GONOSTOMATIDAE	
Bonapartia pedaliota	Goode and Bean, 1895
Cyclothone acclinidens	Garman, 1899
Cyclothone alba	Brauer, 1906
Cyclothone braueri	Jespersen and Tåning, 1926
Cyclothone livida	Brauer, 1906
Cyclothone microdon	(Gunther, 1878)
Cyclothone pallida	Brauer, 1906
Cyclothone pseudopallida	Mukacheva, 1964
Cyclothone sp.	
Gonstoma bathyphilum	(Vaillant, 1888)
Gonstoma denudatum	Rafinesque, 1810
Gonstoma elongatum	Gunther, 1878
Margrethia obtusirostra	Jespersen and Tåning, 1919
STERNOPTYCHIDAE	
Argyropelecus aculeatus	Cuvier and Valenciennes, 1849
Argyropelecus gigas	Norman, 1930
Argyropelecus hemigymnus	Cocco, 1829
Sternoptyx diaphana	Herman, 1781
Sternoptyx pseudobscura	Baird, 1971
Valenciennellus tripunctulatus	(Esmark, 1871)
PHOTICHTHYIDAE	
Vinciguerria attenuata	(Cocco, 1838)
Vinciguerria nimbaria	(Jordon and Williams, 1885)
Vinciguerria poweriae	(Cocco, 1838)
Vinciguerria sp.	
ASTRONESTHIDAE	
Astronesthes niger	Richardson, 1844

Table 20.2a continued

CHAULIODONTIDAE	
Chauliodus danae	Regan and Trewavas, 1929
Chauliodus sloani	Bloch and Schneider, 1801
Chauliodus sp.	
MELANOSTOMIATIDAE	
Bathophlus vaillanti	(Zugmayer, 1911)
Eustomias simplex	Regan and Trewavas, 1930
Flagellostomias boureii	(Zugmayer, 1913)
Leptostomias sp.	
MALACOSTEIDAE	
Malacosteus niger	Ayres, 1848
Photostomias guernei	Collett, 1889
IDIACANTHIDAE	
Idaicanthus fasciola	Peters, 1877

Table 20.2b Resume of stomiatoid catch data

	Juveniles & Adults					Larvae & Postlarvae						
	No. caught		SL(mm)	Depth range(m)		No. caught		SL(mm)	Depth range(m)		No.	TOTAL
	Day	Night	Range	Day	Night	Day	Night	Range	Day	Night	>1500m	
GONOSTOMATIDAE												
B. pedaliota	1	2	28-31	300-400	300-500	3		17-20	200-300			6
C. acclinidens		1	35		910-1000							1
C. alba	1		23	500-600								1
C. braueri	580	705	11-31	300-1500	300-1000	11	44	8-12	2-300	0-700	2	1342
C. livida		3	27-35		800-895							3
C. microdon	393	401	12-53	600-1500	400-1500	3	11	8-13	2-50	0-25	49	857
C. pallida	20	23	28-60	700-1200	600-1110							43
C. pseudopallida	33	21	18-45	400-900	600-800							54
Cyclothone sp.	2			600-700		2	5	11-12	600-700	600-700		9
G. bathyphilum	6	1	25-121	700-1300	1000-1110	1		21	900-1000		1	9
G. denudatum						5	1	8-15	2-300	0-25		6
G. elongatum		1	142		200-300							1
M. obtusirostra							1	19		200-300		1
STERNOPTYCHIDAE												
A. aculeatus	3	12	14-68	400-600	200-300	6	3	8-13	400-500	400-500		24
A. gigas	1		16	500-600								1
A. hemigymnus	16	20	10-32	500-700	400-700	1	1	8-9	300-400	400-500		38
S. diaphana	17	8	11-30	600-1000	600-895	1	8	8-10	800-900	600-800		34
S. pseudobscura	4	3	17-32	800-1000	900-1110	14	21	8-15	800-1000	800-1000		42
V. tripunctulatus	14	23	17-30	400-600	300-600	1		11	200-300			38
PHOTICHTHYIDAE												
V.attenuata						17	17	13-17	50-700	50-1000		34
V. nimbaria		46	17-26		0-200	5	21	12-18	2-600	0-50		72
V. poweriae		2	17		0-100	1		18	50-100			3
Vinciguerria sp.		5			25-1000	1		11		0-25		6
ASTRONESTHIDAE												
A. niger		2	28-29		0-1400							2
Unid. astronesthids						1	28		0-25		1	
CHAULIODONTIDAE												
C. danae	5	12	24-98	600-900	100-700	1	1	29-32	50-100	50-100		19
C. sloani	12	2	23-97	500-700	700-800							14
Chauliodus sp.	1	3		600-700	500-800							4
MELANOSTOMIATIDAE												
B. vaillanti	1	2	35-74	500-600	100-600							3
E. simplex		1	159		910-1000							1
F. boureii							3	19-23		50-100		3
Leptostomias sp.						7	15	11-35	50-200	0-25		22
MALACOSTEIDAE												
M. niger	2		95-195	1000-1200								2
P. guernei	1	5	44-74	800-900	100-895							6
IDIACANTHIDAE												
I. fasciola		9	39-85		50-1200							9
Unid. stomiatoid							1			900-1000		1

Table 20.3 Length range, SLmm, and (mean size) per depth of certain Cyclothone species.
D = Day, N = Night, Dash indicates presence but measurement precluded by damage.

Depth(m)	C. braueri		C. microdon		C. pseudopallida		C. pallida	
	D	N	D	N	D	N	D	N
0-25	8-10(9)	7-12(10)	11	9-13(11)				
25-50	8-12(10)	8-10(10)	9-12(10)					
50-100	11							
100-200	8-11(10)							
200-300	11							
300-400	11-25(18)	11-25(17)						
400-500	14-22(17)	15-25(18)						
500-600	15-22(28)	15-28(22)			20			
600-700	15-30(23)	11-30(19)	15-16(15)	12-50(18)	18-30(23)	22-24(23)		30
700-800	-	20-31(26)		13-20(17)	34-37(35)	27-37(32)	39	28-33(31)
800-900	23-27(25)	17-30(23)	16-21(19)	15-20(18)	45		30-49(40	30-55(48)
900-000	24-27	18-24	17-53(20)	16-21(19)			36-53(44)	35-48(43)
1000-1100			17-50(24)	17-45(25)			45-60(54)	36-56(50)
1100-1200			17-48(31)	18-48(30)			50-56(53)	
1200-1300		17-35(21)	17-45(28)	17-51(27)				
1300-1400		26	18-47(29)	18-50(27)				
1400-1500		21-24(23)	20-55(35)	18-45(30)				
1500-1900	No sample	20-24(22)	No sample	20-55(40)	No sample		No sample	

Table 20.4 Length range, SLmm, and (mean size) per depth of certain sternoptychid species.
D = Day, N = Night

	A. hemigymnus		A. aculeatus		S. pseudobscura		S. diaphana		V. tripunctulatus	
Depth (m)	D	N	D	N	D	N	D	N	D	N
0-25										
25-50										
50-100										
100-200										
200-300				14-52(31)					11	
300-400	9									17-21(20)
400-500		8-23(16)	8-44(18)	10-12(11)					19-23(21)	20-29(23)
500-600	10-23(13)	10-24(15)	68						20-25(24)	30
600-700	18-32(23)	21-32(28)					11	8-20(11)		
700-800							13-21(16)	9-12(11)		
800-900					9-11(10)	8-15(11)	9-23(15)	18-20(19)		
900-1000					10-32(15)	10-22(13)	20-30(25)			
1000-1100						19				
1100-1200										
1200-1300										
1300-1400										
1400-1500										

Table 20.5 a MYCTOPHIDAE List of species

Benthosema suborbitale	(Gilbert, 1913)
Bolinichthys indicus	(Nafpaktitis & Nafpaktitis, 1969)
Bolinichthys sp.	
Ceratoscopelus maderensis	(Lowe, 1839)
Ceratoscopelus townsendi A	(Eigenmann & Eigenmann, 1889)
Ceratoscopelus townsendi B	(Eigenmann & Eigenmann, 1889)
Diaphus lucidus	(Goode & Bean, 1896)
Diaphus mollis	Tåning, 1928
Diaphus rafinesquii	(Cocco, 1820)
Diaphus sp.	
Diogenichthys atlanticus	(Tåning, 1928)
Gonichthys coccoi	(Cocco, 1838)
Hygophum benoiti	(Cocco, 1838)
Hygophum hygomii	(Lutken, 1892)
Hygophum taaningi	Bekker, 1965
Hygophum sp.	
Lampadena anomola	Parr, 1928
Lampadena chavesi	Collett, 1905
Lampanyctus ater	Tåning, 1928
Lampanyctus cuprarius	Tåning, 1928
Lampanyctus festivus	Tåning, 1928
Lampanyctus intricarius	Tåning, 1928
Lampanyctus photonotus	Parr, 1928
Lampanyctus pusillus	(Johnson, 1890)
Lampanyctus sp.	
Lepidophanes gaussi	(Brauer, 1906)
Lobianchia dofleini	(Zugmayer, 1911)
Lobianchia gemellarii	(Cocco, 1838)
Loweina rara	(Lütken, 1892)
Myctophum nitidulum	Garman, 1899
Notolychnus valdiviae	(Brauer, 1904)
Notoscopelus caudispinosus	(Johnson, 1863)
Notoscopelus resplendens	(Richardson, 1844)
Taaningichthys bathyphilus	(Taning, 1928)
Taaningichthys minimus	(Taning, 1928

Table 20.5b Resume of myctophid catch data.

	JUVENILES & ADULTS					Larvae & postlarvae					TOTAL
	No. caught		SL(mm)	Depth range(m)		No. caught		SL(mm)	Depth range(m)		No.
	Day	Night	Range	Day	Night	Day	Night	Range	Day	Night	>1500m	
B. suborbitale	1	17	14-25	600-700	25-50		1			800-895		19
B. indicus	6	5	29-42	600-800	50-200							11
Bolinichthys sp.						1		11	600-700			1
C. maderensis						1			1400-1500			1
C. townsendi A	11	13	40-59	600-1500	50-200	5	25	6-12	2-50	0-1300		54
C. townsendi B		1	21		25-50							1
D. lucidus		1	82		300-400							1
D. mollis		3	33-47		50-200		1	11		0-25		4
D. rafinesquii	1		75	600-700								1
Diaphus sp.						1		9	25-50			1
D. atlanticus		2	13-19		50-200		12	13-14		300-1300		14
G. coccoi	1	1	20	900-1000	700-800							2
H. benoiti							6	12-15		700-1110		6
H. hygomii	1		37	700-800		2		10	600-700			3
H. taaningi	1	17			50-100		2	14		800-895		3
Hygophum sp.		1			50-100		1	11		300-400		2
L. anomola		1	57		300-400							1
L. chavesi	1	2	20-22	800-900	50-100	12	22	6-21	50-700	25-895		37
L. ater	25	17	35-89	800-1000	50-1400							42
L. cuprarius	14	13	42-75	700-1100	300-1300							27
L. festivus	2	2	26-30	700-900	800-895							4
L. intricarius	3		30-31	800-1000								3
L. photonotus	1	1	44-48	800-900	100-200							2
L. pusillus	1	8	12-27	600-700	0-400		3	13		700-895		12
Lampanyctus sp.	1			1000-1100		6	4	12-20	50-1100	800-1300		11
L. gaussi	2	5	35-42	800-900	25-1000	12	10	6-17	2-50	0-300		29
L. dofleini	13	26	26-34	500-700	50-300	4		10	200-700			43
L. gemellarii	2	1	33-57	600-700	300-400							3
L. rara						4	2	7-22	2-1500	200-1300		6
M. nitidulum						1		12				13
N. valdiviae		3	14-19		0-300				50-100			4
N. caudispinosus		3	57-59		50-100							6
N. resplendens		6	23-38	900-1200	50-800	7	3	7-23				27
T. bathyphilus		2	20-52		800-1200				50-900	200-800		26
T. minimus	1		41	700-800								3
Myctophidae	2	5		300-800	0-200	10	27					45

Table 20.6a Length range, SLmm, and (mean size) per depth of certain myctophid species.
D = Day, N = Night. Dash indicates presence but measurement precluded by damage.

	C. townsendi		L. chavesi		L. ater		L. cuprarius	
	D	N	D	N	D	N	D	N
0-25	5-6(6)	6-7(7)						
25-50	6-7(6)	10-21(15)		6				
50-100		7-12(10)	12-18(15)	9-22(15)		-		
100-200		40-59(45)	13-17(15)					
200-300								
300-400				7-9(8)		50-72(59)		48
400-500						46		
500-600						41		47-73(57)
600-700	44-54(49)		20					
700-800				18-21(19)		35-38(47)	42	
800-900			20		42-89(51)	38-48(45)	66-73(69)	52-75(56)
900-1000					45-84(70)		46-75(62)	70
1000-1100	43						44	
1100-1200								67
1200-1300	42-53(48)	6						73
1300-1400	40-51(45)					80-83(82)		
1400-1500	44-55(49)							

Table 20.6b. Length range, SLmm, and (mean size) per depth of certain myctophid species.

	L. gaussi		L. dofleini		N. resplendens	
Depth	D	N	D	N	D	N
0-25	8-10(9)	6-13(8)				
25-50	10-11(10)	41-42(41)				
50-100		7-38(21)		16-29(20)	10	23-38(30)
100-200				21-34(27)	14-15	36
200-300		6	10	34	7	11
300-400						
400-500						
500-600			21-25(22)			
600-700			16-31(22)		20	
700-800						20-25(22)
800-900	35-42(38)				20-23(22)	
900-1000		40			23-26(25)	
1000-1100					26	
1100-1200					29-34(31)	
1200-1300						
1300-1400						
1400-1500						

Table 20.7a OTHER SPECIES List of species

ALEPOCEPHALIDAE	
Einara edentulata	(Alcock, 1892)
Photostylus pycnopterus	Beebe, 1933
SEARSIIDAE	
Sagamichthys schnakenbecki	(Krefft, 1953)
Searsia koefoedi	Parr, 1937
Holtbyrnia sp.	
BATHYLAGIDAE	
Bathylagus bericoides	(Borodin, 1929)
Bathylagus longirostris	Maul, 1948
Unid. bathylagids	
OPISTHOPROCTIDAE	
Opisthoproctus soleatus	Vaillant, 1888
SCOPELARCHIDAE	
Benthalbella infans	Zugmayer, 1911
EVERMANNELLIDAE	
Evermannella indica	Brauer, 1906
OMOSUDIDAE	
Omosudis lowei	Gunther, 1887
PARALEPIDIDAE	
Lestidiops jayakari	(Boulanger, 1889)
Macroparalepis brevis	Ege, 1933
Paralepis brevirostris	(Parr, 1928)
EUTAENIOPHORIDAE	
Eutaeniophorus festivus	(Bertelsen & Marshall, 1956)
CETOMIMIDAE	
Cetomimus sp.J	
Cetostomus regani	Zugmayer, 1914
Ditropichthys storeri	(Goode & Bean, 1896)
MONOGNATHIDAE	
Monognathus sp.	
EURYPHARYNGIDAE	
Eurypharynx pelecanoides	Vaillant, 1882
SERRIVOMERIDAE	
Serrivomer beani	Gill & Ryder, 1884

Table 20.7a continued

NEMICHTHYIDAE	
Avocettina infans	(Gunther, 1878)
Nemichthys curvirostris	Richardson, 1848
Nemichthys scolopaceous	Richardson, 1848
CYEMIDAE	
Cyema atrum	Gunther, 1878
Neocyema erythrosoma	Castle, 1978
CONGRIDAE	
Unid. congrids	
Unid. leptocephali	
MACROURIDAE	
Hymenocephalus sp.	
MELAMPHAIDAE	
Melamphaes pumilus	Ebling, 1962
Melamphaes simus	Ebeling, 1962
Melamphaes typhlops	(Lowe, 1843)
Unid. melamphaids	
Poromitra capito	Goode & Bean, 1883
Poromitra crassiceps	(Gunther, 1878)
Scopeloberyx "robustus"	(Gunther, 1887)
Scopeloberyx opisthopterus	(Parr, 1933)
RONDELETIIDAE	
Rondeletia loricata	Abe and Hotta, 1963
Unid. bericiform	
BRAMIDAE	
Unid. bramids	
Unid. percoid larvae	
GEMPYLIDAE	
Diplospinus multistriatus	Maul, 1948
TETRAGONURIDAE	
Tetragonurus atlanticus	Lowe, 1839

Table 20.7a continued

BOTHIDAE	
Unid. bothids	
MELANOCETIDAE	
Melanocetus johnsoni	Gunther, 1864
Melanocetus sp.	
HIMANTOLOPHIDAE	
Himantolophus sp.	
ONEIRODIDAE	
Chaenophryne longiceps	Regan, 1925
Lasiognathus saccostoma	Regan, 1925
GIGANTACTINIDAE	
Gigantactis B	
Gigantactis sp.	
LINOPHRYNIDAE	
Haplophryne mollis	(Brauer, 1912)
Linophryne sp. (brevi/densi)	
Unid. linophrynid	
Unid. ceratioid	
Unid. flatfish	
Unidentified fish	

Table 20.7b Resume of remaining species catch data.

	Juveniles & Adults					Larvae & postlarvae						
	No. caught		SL(mm)	Depth range(m)		No. caught		SL(mm)	Depth range(m)		No.	TOTA
	Day	Night	Range	Day	Night	Day	Night	Range	Day	Night	>1500m	
ALEPOCEPHALIDAE												
E. edentulata		1	93		910-1000							1
P. pycnopterus	1		73	1100-1200								1
SEARSIIDAE												
S. schnakenbecki		1	30		500-600							1
S. koefoedi	3		20-48	900-1100								3
Holtbyrnia sp.	1	1	14-32	1400-1500	900-1000							2
BATHYLAGIDAE												
B. bericoides		1	54		200-300							1
B. longirostris							1	32		1000-1110		1
Unid. bathylagids						1			800-900			1
OPISTHOPROCTIDAE												
O. soleatus	1		47	600-700								1
SCOPELARCHIDAE												
B. infans						2	1	30-36	300-600	300-400		3
EVERMANNELLIDAE												
E. indica			75		600-700							1
OMOSUDIDAE												
O. lowei		1	76		1400-1500							1
PARALEPIDIDAE												
L. jayakari							13	11-35		0-25		13
M. brevis						2		19-36	2-50			2
P. brevirostris		1	34		1200-1300							1
EUTAENIOPHORIDAE												
E. festivus		3	20-34		0-25							3
CETOMIMIDAE												
Cetomimus. sp. J	1		90	1400-1500								1
C. regani	1		43	900-1000								1
D. storeri		1	35		1200-1300							1
MONOGNATHIDAE												
Monognathus sp.											5	5
EURYPHARYNGIDAE												
E. pelecanoides	7	6	59-320	800-1200	800-1200	1	1	37-52	1100-1200	1200-1300		15
SERRIVOMERIDAE												
S. beani	9		127-355	500-1100	500-800	1		215	600-700			10
NEMICHTHYIDAE												
A. infans	1	2	575	1100-1200	700-1000							3
N. curvirostris		2	610-675		0-200	3	22		50-200	0-50		27
N. scolopaceous	1			700-800			6			0-50		7
CYEMIDAE												
C. atrum											4	4
N. erythrosoma											1	1
CONGRIDAE												
Unid. congrids						1		9		200-300	0-25	10
Unid. leptocephali							1			25-50		1

Table 20.7b continued

	Juveniles & Adults					Larvae & postlarvae						
	No. caught		SL(mm)	Depth range(m)		No. caught		SL(mm)	Depth range(m)		No.	TOTAL
	Day	Night	Range	Day	Night	Day	Night	Range	Day	Night	>1500m	
MACROURIDAE												
Hymenocephalus sp.		1			700-800							1
MELAMPHAIDAE												
M. pumilus		1			400-500							1
M. simus	1		21	600-700			1	7		0-25		2
M. typhlops	1	3	15-28	900-1000	200-400			10	100-200			5
Unid. melamphaids		1	20		100-200							1
P. capito	1		41	1000-1100								1
P. crassiceps	1		75	1300-1400								1
S. "robustus"	3		18-19	1000-1100								3
S. opisthopterus	5	11	22-29	1000-1500	910-1500							16
RONDELETIIDAE												
R. loricata	1		39	1300-1400								1
Unid. bericiform											1	1
BRAMIDAE												
Unid. bramids		1	10		100-200							1
Unid. percoid larvae						1	1	11-16	100-200	50-100		2
GEMPYLIDAE												
D. multistriatus	1	2	11-26	100-200	50-200	1	1	9-16	50-100	0-25		5
TETRAGONURIDAE												
T. atlanticus							1	22		25-50		1
BOTHIDAE												
Unid. bothids						1		14	50-100			1
MELANOCETIDAE												
M. johnsoni						1		5	25-50			1
Melanocetus sp.											1	1
HIMANTOLOPHIDAE												
Himantolophus sp.						1		4	2-25			1
ONEIRODIDAE												
C. longiceps	1	1	20	800-900	910-1000							2
L. saccostoma		1	39		1000-1110							1
GIGANTACTINIDAE												
Gigantactis B						1		6	2-25			1
Gigantactis sp.							1	11		1300-1400		1
LINOPHRYNIDAE												
Haplophryne mollis	2	2	14-15	1200-1500	1100-1500						2	6
Linophryne sp. (brevi./ densi)	1		36	1400-1500								1
Unid. linophrynid											4	4
Unid. ceratioid							1	3		0-25		1
Unid. flatfish							2			25-50		2
Unid. fish						1	3		2-25	0-1000		4

Table 22.1 Abundances (n/1000m²) of benthic megafaunal organisms based on otter trawl (OTSB14) hauls.

Station		11261					
Haul	Feeding type[a]	44	50	52	58	Mean density	%
PORIFERA	S	0.01			0.01	<0.01	<1
COELENTERATA-PENNATULACEA	S	0.01				<0.01	<1
-ACTINIARIA	S	0.01			0.02	0.01	<1
-HYDROZOA	S	+	+			+	<1
ANNELIDA	D	0.01	0.01			<0.01	<1
CRUSTACEA-CIRRIPEDIA	S		0.02		0.03	0.01	<1
-MYSIDACEA	D		0.01		0.01	<0.01	<1
-DECAPODA NATANTIA	C	1.33	0.30	0.54	0.48	0.66	27
ERYONIDEA	C	0.01				<0.01	<1
GALATHEIDEA	C		0.01		0.01	<0.01	<1
MOLLUSCA-GASTROPODA	D	0.03	0.01		0.03	0.02	1
-BIVALVIA	D	0.09	0.01		0.01	0.03	1
-CEPHALOPODA	C	0.01		0.01	0.01	0.01	<1
ECHINODERMATA-ASTEROIDEA	D	0.66	1.32	1.09	2.38	1.36	55
-ECHINOIDEA	D	0.01	0.04	0.01		0.02	1
-HOLOTHURIOIDEA	D	0.08	0.05	0.02	0.07	0.06	2
-CRINOIDEA	S		0.01	0.01	0.01	0.01	<1
Total invertebrates		2.26	1.79	1.68	3.07	2.21	89
PISCES	C	0.51	0.04	0.30	0.28	0.26	11
Total all organisms		2.77	1.83	1.98	3.35	2.47	100
Sestonivores						0.04	2
Detritivores						1.49	60
Carnivores						0.94	38

[a] C = carnivore; D = detritivore; S = sestonivore

Table 22.2 Abundances (n/1000m²) of benthic megafaunal organisms based on epibenthic sledge (BN1.5/3M) hauls, >4mm fraction.

Station		11262					
Haul	Feeding type[a]	15	16	17	19	Mean density	%
COELENTERATA-ACTINIARIA	S				0.11	0.03	<1
-scyphistomae	S	4.65		0.64		1.32	7
ECHIURIDA	D	1.86	0.40		0.11	0.59	3
ANNELIDA	D		0.20	0.32	0.22	0.19	1
CRUSTACEA-CIRRIPEDIA	S				0.05	0.01	<1
-DECAPODA NATANTIA	C	19.51	0.20	0.32	0.11	5.04	28
GALATHEIDEA	C		0.20		0.05	0.06	<1
MOLLUSCA-GASTROPODA	D	0.93	0.61	0.75	0.27	0.64	4
-SCAPHOPODA	D	0.93				0.23	1
-BIVALVIA	D	13.01	1.82	4.71	2.58	5.53	31
ECHINODERMATA-ASTEROIDEA	D	5.57	2.22	3.85	2.75	3.60	20
-ECHINOIDEA	D			0.09	0.17	0.06	<1
-HOLOTHURIOIDEA	D		0.61	0.21	0.33	0.29	2
CHORDATA-TUNICATA	S	0.98			0.05	0.25	1
Total		47.44	6.26	10.89	6.80	17.84	100
Sestonivores						1.61	9
Detritivores						11.13	62
Carnivores						5.10	29

[a] C- carnivore; D - detritivore; S - sestonivore

Table 22.3 Abundances (n/1000m²) of benthic macrofaunal organisms based on epibenthic sledge (BN1.5/3M) hauls, 1-4mm fraction, and combined megafaunal and macrofaunal densities.

Station		11262							
	Feeding type[a]	15	16	17	19	Mean biomass	%	Mean biomass >4 & 1-4 mm fractions combined	%
PORIFERA	S	4.81				1.20	<1	1.20	<1
COELENTERATA-PENNATULACEA	S			0.52		0.13	<1	0.13	<1
-ACTINIARIA	S				0.28	0.07	<1	0.10	<1
-scyphistomae	S	4.81	6.29	0.52		2.91	2	4.24	2
ECHIURIDA	D	4.81	2.10		0.28	1.80	1	2.39	1
ANNELIDA	D	4.81	2.10	0.52	2.85	2.57	1	2.75	1
CRUSTACEA-CIRRIPEDIA	S							0.01	<1
-MYSIDACEA	D		1.05		0.28	0.33	<1	0.33	<1
-AMPHIPODA	D	4.81	2.10			1.73	1	1.73	<1
-DECAPODA NATANTIA	C		2.10	0.52	0.28	0.73	<1	5.76	3
GALATHEIDEA	C							0.06	<1
MOLLUSCA-APLACOPHORA	D	4.81				1.20	<1	1.20	<1
-GASTROPODA	D	43.33	6.29	8.34	4.84	15.70	8	16.34	8
-SCAPHOPODA	D			0.52	0.28	0.20	<1	0.43	<1
-BIVALVIA	D	214.81	125.85	86.75	19.05	111.61	59	117.15	57
-CEPHALOPODA	C				0.28	0.07	<1	0.07	<1
BRYOZOA	S	4.81				1.20	<1	1.20	<1
ECHINODERMATA-ASTEROIDEA	D	130.89	30.52	21.25	2.21	46.22	25	49.81	24
-ECHINOIDEA	D							0.06	<1
-HOLOTHURIOIDEA	D							0.29	<1
CHORDATA_TUNICATA	S							0.25	<1
Total		422.70	178.40	118.94	30.63	187.67	100	205.50	100
Sestonivores						5.51	3	7.13	3
Detritivores						181.36	97	192.48	94
Carnivores						0.80	<1	5.89	3

[a] C - carnivore; D - detritivore; S - sestonivore

Table 22.4 Biomass (g preserved wet weight/1000m²) of benthic megafaunal organisms based on otter trawl (OTSB14) hauls.

Station		11261					
Haul	Feeding type[a]	44	50	52	58	Mean density	%
PORIFERA	S	0.03			<0.01	0.01	<1
COELENTERATA-PENNATULACEA	S	0.09				0.02	<1
-ACTINIARIA	S	0.01			0.05	0.01	<1
-HYDROZOA	S	<0.01	<0.01			<0.01	<1
ANNELIDA	D	0.01	0.01			<0.01	<1
CRUSTACEA-CIRRIPEDIA	S		0.01		0.03	0.01	<1
-MYSIDACEA	D		<0.01		0.02	<0.01	<1
-DECAPODA NATANTIA	C	3.79	3.33	8.10	3.82	4.76	12
ERYONIDEA	C	0.10				0.03	<1
GALATHEIDEA	C		0.21		0.15	0.09	<1
MOLLUSCA-GASTROPODA	D	0.22	0.04		0.07	0.08	<1
-BIVALVIA	D	0.07	0.01		<0.01	0.02	<1
-CEPHALOPODA	C	0.06		2.47	0.10	0.65	2
ECHINODERMATA-ASTEROIDEA	D	3.39	7.36	7.48	6.84	6.27	16
-ECHINOIDEA	D	0.01	0.07	0.04		0.03	<1
-HOLOTHURIOIDEA	D	0.66	0.79	0.55	0.31	0.58	2
-CRINOIDEA	S		0.01	<0.01	<0.01	<0.01	<1
Total invertebrates		8.44	11.85	18.64	11.39	12.58	33
PISCES	C	34	11	52	5	25.5	67
Total all organisms		42.44	22.85	70.64	16.39	38.08	100
Sestonivores						0.05	<1
Detritivores						6.98	18
Carnivores						31.03	81

[a] C - carnivore; D - detritivore; S - sestonivore

Table 22.5 Biomass (g preserved wet weight/1000m²) of benthic megafaunal organisms based on epibenthic sledge (BN1.5/3M) hauls, >4mm fraction.

Station		11262					
Haul	Feeding type[a]	15	16	17	19	Mean biomass	%
COELENTERATA-ACTINIARIA	S				0.01	<0.01	<1
-scyphistomae	S	<0.01		<0.01		<0.01	<1
ECHIURIDA	D	0.46	0.01		0.14	0.15	1
ANNELIDA	D		0.06	0.08	0.03	0.04	<1
CRUSTACEA -CIRRIPEDIA	S				0.01	<0.01	<1
-DECAPODA NATANTIA	C	7.10	0.49	0.10	0.23	1.98	12
GALATHEIDEA	C		2.81		0.73	0.89	6
MOLLUSCA-GASTROPODA	D	0.07	0.10	1.27	0.04	0.37	2
-SCAPHOPODA	D	0.07			<0.01	0.02	<1
-BIVALVIA	D	4.84	1.06	1.50	1.14	2.13	13
ECHINODERMATA -ASTEROIDEA	D	9.33	7.44	14.77	7.06	9.65	60
-ECHINOIDEA	D			0.01	0.02	0.01	<1
-HOLOTHURIOIDEA	D		0.52	0.77	2.01	0.83	5
CHORDATA-TUNICATA	S	0.09			0.09	0.05	<1
Total		21.96	12.49	18.51	11.51	16.12	100
Sestonivores						0.05	<1
Detritivores						13.20	82
Carnivores						2.87	18

[a] C-carnivore; D-detritivore; S-sestonivore

Table 22.6 Biomass (g preserved wet weight/1000m²) of benthic macrofaunal organisms based on epibenthic sledge (BN1.5/3M) hauls, 1-4mm fraction, and combined megafaunal and macrofaunal biomasses.

Station		11262							
Haul	Feeding type[a]	15	16	17	19	Mean biomass	%	Mean biomass >4 and 1-4mm fractions	%
PORIFERA	S	0.05				0.01	<1	0.01	<1
COELENTERATA-PENNATULACEA	S			<0.01		<0.01	<1	<0.01	<1
-ACTINIARIA	S				<0.01	<0.01	<1	<0.01	<1
-scyphistomae	S	0.02	0.01	<0.01		0.01	<1	0.01	<1
ECHIURIDA	D	0.03	<0.01		0.09	0.03	2	0.18	1
ANNELIDA	D	0.19	0.04	<0.01	0.03	0.07	4	0.11	<1
CRUSTACEA-CIRRIPEDIA	S							<0.01	<1
-MYSIDACEA	D		<0.01		<0.0	<0.01	<1	<0.01	<1
-AMPHIPODA	D	0.03	0.01			0.01	<1	0.01	<1
-DECAPODA NATANTIA	C		0.03	<0.01	<0.01	0.01	<1	1.99	11
GALATHEIDEA	C							0.89	5
MOLLUSCA-APLACOPHORA	D	0.10				0.03	2	0.03	<1
-GASTROPODA	D	0.29	0.04	0.11	0.02	0.11	7	0.49	3
-SCAPHOPODA	D			0.03	<0.01	0.01	<1	0.03	<1
-BIVALVIA	D	1.53	2.28	0.69	0.23	1.18	73	3.32	19
-CEPHALOPODA	C				0.14	0.03	2	0.03	<1
BRYOZOA	S	0.05				0.01	<1	0.01	<1
ECHINODERMATA-ASTEROIDEA	D	0.28	0.06	0.04	0.01	0.10	6	9.75	55
-ECHINOIDEA	D							0.01	<1
-HOLOTHURIOIDEA	D							0.83	5
CHORDATA-TUNICATA	S							0.05	<1
Total		2.57	2.48	0.89	0.53	1.62	100	17.72	100
Sestonivores						0.02	1	0.08	<1
Detritivores						1.55	96	14.76	83
Carnivores						0.05	3	2.91	16

[a] C - carnivore; D - detritivore; S - sestonivore

Table 22.7 Percentage proportions of trophic classes in trawl and sledge catches

Gear	Trawl		Sledge			
Fraction			>4mm		1-4mm	
	Abundance	Biomass	Abundance	Biomass	Abundance	Biomass
Sestonivores	2	<1	9	<1	3	1
Detritivores	60	18	62	82	97	96
Carnivores	38	81	29	18	<1	3

Table 23.1 GME phototransect hauls.

Station no.	Depth range (m)	Distance traversed (km)	Sediment type	Usable frames	Area photographed (m^2)
11262#16	5432-5432	0.47	Turbidite	170	340
11262#19	5432-5432	7.95	Turbidite	374	748
11262#20	5110-5220	?	Pelagic	247	494

Table 23.2. Numbers of epibenthic animals on GME benthic photographs, together with densities per $10^3 m^2$ in brackets.

Station no.	Total	Pennatulids	Asteroids	Echinoids	Holothurians	Actiniaria	Fish	Others
11262#16	10 (30)	3 (9)	2 (6)	1 (3)	1 (3)	- -	- -	3 (9)
11262#19	10 (13)	- -	3 (4)	- -	2 (2.6)	- -	1 (1.3)	4 (5.2)
11262#20	9 (18)	1 (2)	- -	6 (12)	1 (2)	1 (2)	- -	- -

Table 23.3. Numbers of animal feeding marks on GME benthic photographs, together with densities per $10^3 m^2$ in brackets. For explanation see text.

Station no.	?*Myriochele*	? echiuran	?*Molpadia*
11262#16	9 (27)	18 (54)	39 (114)
11262#19	24 (31.2)	29 (37.7)	55 (74)
11262#20	32 (72)	88 (176)	56 (113)

Table 25.1 Rhizopod species occurring in epibenthic sledge catches at Station 11262

Haul	15		16		17		19		Total	
Species	C	F	C	F	C	F	C	F	C	F
Class Granuloreticulosea										
Order Foraminiferida										
Suborder Allogromiida										
Species 1	16	-	6	-	4	-	1	-	27	-
Species 2	5	-	1	-	6	-	(2)	-	12(2)	-
Species 3	3	-	3	-	7	-	3	-	16	-
Species 4	-	-	1	-	-	-	-	-	1	-
Species 5	-	-	-	2	-	-	1	-	3	-
Species 6	-	-	-	-	-	-	1	-	1	-
Suborder Textulariina										
Superfamily Astrorhizacea										
Tubular species										
Rhizammina algaeformis	-	-	-	6(4)	-	3	-	6	-	15(4)
Rhizammina sp.	-	-	-	-	-	-	-	7	-	7
Indet. species 1	-	-	-	-	-	-	3	-	3	-
Indet. species 2	-	-	-	-	-	-	-	6	-	6
Sphaerical species										
Crithionina sp. 1	12	-	1	1	6	-	1	-	20	1
Crithionina sp. 2	11	-	23	-	7	-	5	-	46	-
Crithionina sp. 3	1	-	-	-	-	-	-	-	1	-
Crithionina sp. 4	-	-	2	-	-	-	-	-	2	-
Crithionina sp. 5	1	-	-	-	-	-	-	-	1	-
Crithionina sp. 6	-	-	-	-	1	-	1	-	2	-
Oryctoderma sp.	1	-	1	-	1	-	-	-	3	-
Pelosina sp.	7	-	4	-	12	-	10	-	33	-
Thurammina sp.	1	-	-	-	-	-	-	-	1	-
Attached dome	-	-	2	-	-	-	-	-	2	-
Superfamily Komokiacea										
Baculella sp. 1	3	-	5	-	7	-	5	-	20	-
Baculella sp. 2	-	-	5	-	2	-	1	-	8	-
Edgertonia sp. 1	14	48	41	17	4	5	-	-	59	70
Edgertonia sp. 2	13	-	5	2	1	1	-	-	19	3
Edgertonia sp. 3	5	48	3	12	2	28	6	17	16	105
Ipoa sp.	1	-	2	-	5	-	11	-	19	-
Komokia sp. 2	-	-	3	-	-	-	4	-	7	-
Lana reticulata	-	-	-	-	-	-	7	-	7	-
Lana sp. 1	49	-	46	-	45	-	16	-	156	-
Lana sp. 2	9	-	4	-	-	3	-	-	13	3
Lana sp. 3	31	-	45	-	102	-	74	2	253	-
Lana sp. 4	-	P	-	P	-	P	-	P	-	-
?Lana sp.	1	-	-	-	-	-	-	12	1	12
Normanina tyloda	-	-	-	-	-	-	3	-	3	-
Septuma sp. 1	-	-	-	-	5	-	-	-	5	-
Septuma sp. 2	-	-	-	-	1	-	2	-	3	-
Komoki mudball sp. 1	7	-	4	-	-	-	-	-	11	-
mudball sp. 2	-	4	-	-	-	-	-	-	-	4
mudball sp. 3	9	-	-	-	-	-	-	-	9	-
mudball sp. 4	2	-	3	-	2	1	-	-	7	1
Komoki sp. 1	-	-	-	-	-	-	5	-	5	-

Table 25.1 contd.

	15		16		17		19		Total	
	C	F	C	F	C	F	C	F	C	F
Superfamily Hormosinacea										
[Hormosina aff. globulifera]	-	(3)	-	-	(3)	-	-	-	(6)	-
[Hormosina aff. normani]	-	-	-	-	(1)	-	-	-	(1)	-
[Hormosina aff. carpenteri]	-	-	-	-	-	-	(1)	-	(1)	-
[Attached hormosinacean]	-	-	(2)	-	-	-	-	-	(2)	-
Superfamily Lituolacea										
Ammobaculites sp. 2	-	-	1	-	-	-	-	-	1	-
Haplophragmoides rotunda	-	-	-	-	-	-	(1)	-	(1)	-
Recurvoides sp.	-	-	-	-	-	-	(3)	-	(3)	-
Superfamily Trochamminacea										
Trochammina sp. 1	2(1)	-	4	-	3	-	-	-	9(1)	-
Superfamily Ataxophragmiacea										
Dorothia aff. inflata	(20)	-	3(24)	(3)	(1)	-	(1)	-	3(49)	-
[Eggerella bradyi]	-	-	(1)	-	(4)	-	(1)	-	(6)	-
"Tectinous chains"										
Species 2	-	-	(1)	-	7	1	-	-	7(1)	1
Species 5	1	-	-	-	-	-	-	-	1	-
Species 6	-	-	-	-	-	-	-	2	-	2
Species 7	-	-	-	-	-	-	-	1	-	1
Species 9	-	-	-	-	-	3	-	-	-	3
Species 10	-	-	-	-	-	-	-	2	-	2
Species 11		-	-	-	1	-	-	-	1	-
Suborder Miliolina										
Superfamily Cornuspiracea										
Planispirinoides bucculenta	1(3)	-	3(2)	-	(3)	-	(10)	-	4(18)	-
Superfamily Miliolacea										
Involvohauerina subglobulus	-	-	2(5)	-	1(4)	-	1(5)	-	4(14)	-
Miliolinella aff. subrotunda	3(3)	-	2(6)	-	1(12)	-	2(8)	-	7(29)	-
Pyrgo aff. anomala	20(140)	(3)	32(128)	-	52(215)	-	20(78)	-	124(561)	-
Pyrgo sp.	2	-	2(2)	-	4(14)	-	(3)	-	8(19)	-
Suborder Rotaliina										
Superfamily Chilostomellacea										
[Oridorsalis tener tener]	-	-	-	-	-	-	(2)	-	(2)	-
Superfamily Uncertain										
Indet. Rotaliid in mudball	-	-	-	-	1	-	-	-	1	-
Suborder Lagenina										
Superfamily Nodosariacea										
[Cristellaria] sp.	-	-	-	-	-	-	(1)	-	(1)	
Class Xenophyophorea										
Order Psamminida										
Aschemonella ramuliformis	-	1(11)	-	(1)	-	3(5)	-	1	5(17)	-
Aschemonella scabra	-	3(4)	-	1(4)	-	-	-	1	4(8)	-
[Aschemonella sp.]	-	(34)	-	(18)	-	(7)	-	(6)	(65)	-
? Xenophyophore	-	-	1	-	-	-	-	2	3	-

1 = complete specimens

F = fragments

P = species present but specimens too fragmentary to quantify

(Numbers in brackets) = dead specimens

[Species in square brackets] = only found dead

Table 25.2. Rhizopod species occurring in suprabenthic catches at Station 11262.

Haul	15		16		17		19		Total	
Species	C	F	C	F	C	F	C	F	C	F
Class Granuloreticulosea										
Order Foraminiferida										
Suborder Allogromiida										
Species 1	4	-	3	-	-	-	-	-	7	-
Species 2	-	-	-	-	-	-	4	-	4	-
Species 5	1(2)	-	3(1)	-	2	-	3(3)	-	3	-
Species 6	3	-	3	-	-	-	-	-	6	-
Species 7	3	-	9	-	1	-	15	-	28	-
Suborder Textulariina										
Superfamily Astrorhizacea										
Tubular species										
Rhizammina algaeformis	-	2	-	-	-	1	-	-	-	3
Rhizammina sp.	-	7	-	-	-	-	-	-	-	7
Sphaerical species										
Crithionina sp. 1	1	-	X	-	-	-	2	-	3	-
Crithionina sp. 2	-	-	X	-	-	-	1	-	1	-
Crithionina sp. 7	-	-	-	-	-	-	17	-	17	-
Superfamily Komokiacea										
Baculella sp. 1	23	-	63	-	-	-	30	-	116	-
Baculella sp. 2	30	-	38	-	-	-	31	-	99	-
Ipoa sp.	-	5	-	-	-	-	1	-	1	5
Komokia sp. 1	3	-	10	-	1	-	1	-	15	-
2	2	3	2	-	-	-	2	-	6	3
Lana sp. 1	1	-	3	-	-	-	8	-	12	-
Lana sp. 3	5	P	-	P	1	-	3	6	16+	-
Lana sp. 4	-	P	-	P	-	P	-	P	-	P
Normanina tyloda	5	-	X	-	1	-	2	-	8	-
Normanina sp.	1	-	-	-	-	-	1	-	2	-
Septuma sp. 1	1	-	2	14	-	-	3	-	6	14
Septuma sp. 2	1	-	5	-	-	-	3	-	8	-
Komoki sp. 1	3	-	10	-	4	-	-	-	17	-
Superfamily Hormosinacea										
Hormosina aff. globulifera	(1)	-	-	X	1(2)	-	-	-	1(3)	-
Superfamily Lituolacea										
Ammobaculites sp. 1	27(81)	-	35(111)	-	5(18)	-	33(110)	-	100(320)	-
Ammobaculites sp. 2	14(21)	-	11(26)	-	1(8)	-	16(19)	-	42(74)	-
Haplophragmoides rotunda	27(56)	-	30(121)	-	1(13)	-	4(34)	-	62(224)	-
Recurvoides sp.	15(33)	-	11(42)	-	1(4)	-	15(44)	1	45(123)	-
Superfamily Loftusiacea										
Cyclammina trullissata	2(13)	-	5(22)	-	(9)	-	(22)	-	7(64)	-
Superfamily Trochamminacea										
Trochammina sp. 1	1(1)	-	1	-	1	-	-	-	3(1)	-
[Trochammina sp. 2]	(1)	-	-	-	-	-	-	-	(1)	-
Cystammina galeata	X	-	2(7)	-	-	-	(2)	-	2(9)	-

Haul	15		16		17		19		Total	
	C	F	C	F	C	F	C	F	C	F
Superfamily Ataxophragmiacea										
Eggerella bradyi	1(16)	-	1(32)	-	(5)	-	3(25)	-	5(78)	-
[Karreriella bradyi]	4	-	(X)	-	(2)	-	(4)	-	(8)	-
"Tectinous chains"										
Species 1	-	9	2	14	-	1	-	3	2	27
Species 2	-	-	-	1	-	-	-	2	-	3
Species 3	-	-	-	1(1)	-	-	-	-	-	1(1)
Species 4	-	3	-	4	-	-	-	-	-	7
Species 5	-	-	-	1	-	-	-	-	-	1
Species 8	-	5	-	-	-	-	-	-	-	5
Suborder Miliolina										
Superfamily Cornuspiracea										
[Planispirinoides bucculenta]	(1)	-	-	-	-	-	-	-	(1)	-
Superfamily Miliolacea										
Involvohauerina subglobulus	-	-	X	-	-	-	-	-	X	-
Miliolinella aff.subrotunda	1	-	(1)	-	-	-	-	-	-	1(1)
Pyrgo aff. anomala	16(95)	-	16(59)	-	2(49)	-	13(26)	-	47(229)	-
Pyrgo sp.	(1)	-	1	-	-	-	3(1)	-	4(2)	-
Quinquiloculina sp.	1	-	-	-	(1)	-	-	-	1(1)	-
Triloculina sp.	(3)	-	(3)	-	-	-	1(3)	-	1(9)	-
Suborder Rotaliina										
Superfamily Buliminacea										
[Uvigerina sp.]	-	-	-	-	(1)	-	-	-	(1)	-
Superfamily Planorbulinacea										
Cibicides robertsonianus	(2)	-	6(18)	-	(1)	-	1(4)	-	7(25)	
Cibicides sp. 1	(18)	-	(5)	-	(4)	-	2(27)	-	2(54)	
Planulina wuellerstorfi	1(8)	-	4(12)	-	(3)	-	1(19)	-	6(42)	
Superfamily Nonionacea										
Pullenia bulloides	(8)	-	1	-	(3)	-	(15)	-	1(26)	-
[Pullenia obliquiloculata]	-	-	-	-	(1)	-	(6)	-	(7)	-
[Melonis pompilioides]	2	-	-	-	-	-	(2)	-	(4)	-
Superfamily Chilostomellacea										
Gyroidina neosoldanii	(7)	-	-	-	(2)	-	1(6)		1(15)	-
Oridorsalis tener tener	1(11)	-	1(8)	-	(2)	-	(15)	-	2(36)	-
Suborder Lagenina										
Superfamily Nodosariacea										
[Cristellaria spp.]	-	-	(1)	-	(2)	-	-	-	(3)	-
[Dentalina sp.]	-	-	(1)	-	-	-	-	-	(1)	-
[Glandulina] sp.	-	-	(2)	-	-	-	-	-	(2)	-
Fissurina sp. 1	4(12)	-	6(14)	-	(3)	-	2(16)	-	12(45)	-
Fissurina sp. 2	1(6)	-	(2)	-	(2)	-	2(10)	-	3(20)	-
Fissurina sp. 3	(1)	-	-	-	1	-	-	-	1(1)	-
Lagena sp.	-	-	-	-	1	-	-	-	1	-
[Marginulina obesa]	-	-	-	-	-	-	(2)	-	(2)	-
[Indet].	-	-	-	-	-	-	(2)	-	(1)	-

C = complete specimens

F = fragments

P = species present but specimens too fragmentary to quantify

X = present but not in quantitative subsample

(numbers in brackets) = dead specimens

[species in square brackets] = only found dead

Table 25.3. The numbers of complete and fragmentary rhizopod specimens occurring in epibenthic catches at Station 11262.

Station 11262	haul	15	16	17	19	Total no. of specimens
Complete	live	224	284	290	183	981
	dead	167	147	257	114	685
	% live	57.3	65.9	53.0	61.6	58.9
Fragments	live	104	44	44	59	251
	dead	55	27	12	6	100
	% live	65.4	61.9	78.6	90.8	71.5

Table 25.4. Species diversity of rhizopods in epibenthic catches at Station 11262.

Station 11262 haul	15	16	17	19	Total no. of species
Species occurring as complete tests	28	31	27	23	47
Species occurring as fragments	7	9	10	13	13
Total live species	32	35	31	34	60
Occurring dead only	3	5	6	10	10

Table 25.5. Gross taxonomic composition of live rhizopods occurring in epibenthic and suprabenthic catches at Station 11262.

	BN				SBN				Total
Taxa	C(%)	F(%)	T(%)	Sp.	C(%)	F(%)	T(%)	Sp.	Sp.
*Allogromiids	6.2	-	5.0	6	7.0	-	6.7	5	7
*Komokiaceans	64.8	82.9	75.2	21	35.6	75.0	36.7	13	23
Astrorhizaceans:									
(*)sphaerical	11.6	-	9.3	10	2.7	-	2.6	3	11
(*)tubular	0.3	12.0	2.6	4	-	25.0	1.2	2	4
Hormosinaceans	-	-	-	-	<0.2	-	0.1	1	1
Lituolaceans	<0.1	-	<0.1	1	32.1	-	30.9	4	4
Other multilocular agglutinated forams	1.2	-	1.0	2	3.5	-	3.4	5	6
*Tectinous chains	1.7	-	1.3	7	6.7	-	6.5	6	11
Miliolinids	15.2	-	12.2	5	7.6	-	7.3	5	7
Rotaliids	0.4	-	0.3	1	2.5	-	2.4	6	7
Lageniids	-	-	-	-	2.2	-	2.1	4	4
Xenophyophores	-	5.1	1.0	3	-	-	-	-	3
Total numbers	981	251	1232	60	776	28	804	54	78

C(%) = percentage of complete specimens

F(%) = percentage of fragmentary specimens

T(%) = percentage of total specimens

Sp = no. of species

* Entirely soft-shelled taxa

(*) Taxa which include some soft-shelled species

Table 25.6. Gross taxonomic composition of dead rhizopods occurring in epibenthic and suprabenthic catches at Station 11262.

	BN				SBN			
Taxa	C(%)	F(%)	T(%)	Sp.	C(%)	F(%)	T(%)	Sp.
Allogromiids	0.3	-	0.25	1	0.3	-	0.3	1
Komokiaceans	-	-	-	-	-	-	-	-
Astrorhizaceans								
sphaerical	-	-	-	-	-	-	-	-
tubular	-	4.3	0.5	1	-	-	-	-
Hormosinaceans	1.4	-	1.3	4	0.2	-	0.2	1
Lituolaceans	0.6	-	0.5	2	51.4	-	51.4	4
Other multilocular								
agglutinated forams	7.9	-	6.9	3	11.2	-	11.2	6
Tectinous chains	<0.2	-	<0.2	1	-	100	<0.1	1
Miliolids	89.2	-	78.7	5	17.1	-	17.1	5
Rotaliids	<0.3	-	<0.3	1	14.5	-	14.5	9
Lageniids	<0.2	-	<0.2	1	5.2	-	5.2	8
Xenophyophores	-	95.7	11.4	3	-	-	-	-
Total numbers	698	94	792	22	1442	1	1443	35

C(%) = percentage of complete specimens
F(%) = percentage of fragmentary specimens
T(%) = percentage of total specimens
Sp. = number of species

Table 26.1 Isopoda taken in the suprabenthic net (SBN) of epibenthic sledge hauls at Station 11262.

Station	11262				
Haul	#15	#16	#17	#19	Total
PARASELLOTA					
HAPLONISCIDAE					
Haploniscus sp. A				1	1
Haploniscus sp. B		2			2
MACROSTYLIDAE					
Macrostylus sp.	1				1
EURYCOPIDAE					
Acanthocope cf. *galatheae* Wolff, 1962	10	15	22	13	60
Paropsurus sp.			1		1
aff. Bathyopsurinae	1				1
EPICARIDEA					
CRYPTONISCINA					
Cryptoniscin A		1	1	1	3
Cryptoniscin C	1	13	16	27	57
Cryptoniscin R	1			4	5
Cryptoniscin S		3			3
Cryptoniscin T				1	1
Cryptoniscin U				3	3
Cryptoniscin V				1	1
Cryptoniscin W				1	1
Cryptoniscin X				1	1
Cryptoniscin Y			1		
Cryptoniscin Z		1			1
Total	14	35	41	53	143

Table 26.2 Isopoda from the stomach contents of the fish Echinomacrurus mollis taken in otter trawl and epibenthic sledge hauls.

Specimen no.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total(%)
EURYCOPIDAE															
Acanthocope cf. galatheae Wolff, 1962	3		2	7	3	27			10	11	13			10	86 (40)
Acanthocope sp.								1					4		5 (2)
Syneurycope parallela Hansen, 1916			1			3		1	3		1		1	2	12 (6)
Syneurycope sp.					1								1		2 (19
Munneurycope sp.							3								3 (1)
Eurycope spp.				1					2		1				4 (2)
Betamorpha indentifrons (Menzies,1962)		13	3	4	9	4			2	15	9			5	64 (30)
Eurycopidae indet										1					1 (<1)
MUNNOPSIDAE															
Munnopsis sp.	4							1							5 (2)
Munnopsidae gen. et sp. nov.			1		2					2					5 (2)
MACROSTYLIDAE															
Macrostylis sp.											2				1 (<1)
ISCHNOMESIDAE															
Ischnomesus sp.			1							1					1 (<1)
?Heteromesus sp.									2						2 (1)
Ischnomesidae indet.	1					1				1	2				5 (2)
DESMOSOMATIDAE															
Desmosomatinae indet.					1					1					1 (<1)
Eugerdellatinae indet.									1						1 (<1)
Parasellota indet.			1	1	3	5		3				1		1	15 (7)
Total	**8**	**13**	**9**	**13**	**19**	**40**	**3**	**6**	**20**	**31**	**26**	**-**	**7**	**18**	**213 (100)**

Table 27.1 Amphipoda taken in the suprabenthic net (SBN) of epibenthic sledge hauls at Station 11262

Station	11262				
Haul	15	16	17	19	Total
LYSIANASSOIDEA					
'LYSIANASSIDAE'					
Cyclocaris sp. nov			1	5	6
Orchomene gerulicorbis Shulenberger & Barnard, 1976		1	1	2	4
Paralicella caperesca Shulenberger & Barnard, 1976				3	3
Paralicella tenuipes Chevreux, 1908	1	1	2	2	6
lysianassid indet. 1			1		1
lysianassid indet. 2			1		1
PHOXOCEPHALOIDEA					
PHOXOCEPHALIDAE					
Leptophoxoides molaris Barnard, 1962	1				1
EUSIROIDEA					
EUSIRIDAE					
Cleonardo sp. nov. B		2	2		4
Cleonardo sp. nov. C			1		1
Cleonardo sp. nov. D	1			4	5
Cleonardo sp. nov. E				2	2
Rhachotropis cf. proxima Chevreux, 1911	1	3	4	12	20
Rhachotropis sp. nov. B			4	5	9
Rhachotropis sp. indet.	1	1	2	4	8
STEOCEPHALOIDEA					
STEOCEPHALIDAE					
Euandania gigantea (Stebbing, 1888)			2		2
PARDALISCOIDEA					
PARDALISCIDAE					
pardaliscid indet.			1	3	4
HYPERIOPSIDAE					
Parargissa ? curticornis Birstein & Vinogradov, 1960		1		5	6
Total	5	9	22	47	83

Table 27.2 Amphipoda from the stomach contents of the fish *Echinomacrurus mollis* taken in otter trawl and epibenthic sledge hauls

Specimen no.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
LYSIANASSOIDEA															
'LYSIANASSIDAE'															
Cyclocaris sp. nov.								1							1
cyphocarid indet.													1		1
lysianassid indet.								1							1
PHOXOCEPHALOIDEA															
PHOXOCEPHALIDAE															
Leptophoxoides molaris Barnard, 1962			1	1			2				1			2	7
EUSIROIDEA															
EUSIRIDAE															
Cleonardo sp. indet.											1				1
Rhachotropis sp. nov. B									1						1
Rhachotropis sp. indet.					1								2		3
OEDICEROTOIDEA															
OEDICEROTIDAE															
Monoculodes sp.			1		1										2
PARDALISCOIDEA															
PARDALISCIDAE															
?*Halice*					1			1							2
pardaliscid indet														1	1
Amphipoda indet.							1				1				2
Total	-	-	2	1	3	-	3	3	1	-	3	-	1	5	22

Table 28.1 Asteroid species at GME. Number of specimens per haul.

	Station									
	Otter trawl						Epibenthic sledge			
	11261						11262			
Species	#43	#44	#50	#52	#58	#60	#15	#16	#17	#19
Paxillosida										
Porcellanasteridae										
Hyphalaster inermis	1	46	149	97	205	4	1(+18)[x]	7(+12)[x]	17(+26)[x]	19(+27)[x]
Styracaster horridus		16	35	42	42*		1	3	14	5(+1)
Styracaster elongatus		1	7	6	4			1		
Styracaster sp. juv[+]							1	3		
Brisingida										
Freyellidae										
Freyastera tuberculata		1								

+ juveniles of either S. horridus or S. elongatus

x adults + juveniles in parentheses

* another 59 specimens indet., in very poor condition; possibly S. horridus from previous haul.

Table 28.2 Holothurian species at GME. Number of specimens per haul.

	Station									
	Otter trawl 11261						Epibenthic sledge 11262			
Species	#43	#44	#50	#52	#58	#60	#15	#16	#17	#19
Elasipodida										
Psychropotidae										
Psychropotes semperiana		4	3	3	7			1	2	3
Elpidiidae										
Peniagone lugubris		4			2			2		2
Aspidochirotida										
Synallactidae										
Synallactes crucifera			1							
Pseudostichopus atlanticus										1
Mesothuria candelabri			1							
Molpadiida										
Molpadiidae										
Molpadia blakei		1	3							

Table 28.3 Abundance of *Pseudostichopus atlanticus* and *Mesothuria candelabri* combined, and *Psychropotes semperiana* estimated from wide-area survey photography (WASP)

Station*	Area photographed 10,000m²	*P. semperiana* number photographed	*P. atlanticus* / *M. candelabri* number photographed	abundance per 10,000m²
S126/6	4.33	0	6	1.4
10689	3.19	2	3	0.9
10693	4.15	2	6	1.4
11176	5.81	4	15	2.6
11178	4.71	3	24	5.1

$\bar{x}$ = 2.28

$\sigma n-1$ = 1.70

*station details - see Table 19.4

Table 29.1. Catch data of demersal fish from the 5 OTSB collections made at Great Meteor East.

Species	Stn 11261 - OTSB 14					Specimens	
	#43	#44	#50	#52	#58	Total	%
Total weight (kg)	0.15	4.01	1.67	7.01	0.83		
Bathymicrops regis		34	2	17	12	65	42.5
Bathypterois longipes	2	11		6	14	33	21.6
Echinomacrurus mollis	1	4		8	9	22	14.4
Nybelinella erikssoni		4	1	1		6	3.9
C. (Chalinura) profundicola		1	1	4		6	3.9
Bathymicrops brevianalis		1			2	3	2.0
Barathronus sp. A				2	1	3	2.0
Abyssobrotula galatheae				1	1	2	1.3
Sciadonus jonassoni					2	2	1.3
Histiobranchus bathybius			1	1		2	1.3
Unid. macrourid					2	2	1.3
Barathrites iris		2				2	1.3
Sciadonus galatheae		1				1	0.7
Bassozetus sp. 2				1		1	0.7
Gen. et sp. nov.		1				1	0.7
C. (Nematonurus) armatus				1		1	0.7
Bassozetus sp. 1			1			1	0.7
Total numbers	3	59	6	42	43		
Total spp.	2	9	5	10	7		
Mean fish wt (kg)	0.05	0.067	0.278	0.166	0.019		
						Mean	
kg/1000m²	0.006	0.034	0.011	0.051	0.005	0.02	
no/1000m²	0.138	0.510	0.040	0.039	0.281	0.26	

Table 29.1. Catch data of demersal fish from the 5 OTSB collections made at Great Meteor East.

Species	Stn 11261 - OTSB 14					Specimens	
	#43	#44	#50	#52	#58	Total	%
Total weight (kg)	0.15	4.01	1.67	7.01	0.83		
Bathymicrops regis		34	2	17	12	65	42.5
Bathypterois longipes	2	11		6	14	33	21.6
Echinomacrurus mollis	1	4		8	9	22	14.4
Nybelinella erikssoni		4	1	1		6	3.9
C. (Chalinura) profundicola		1	1	4		6	3.9
Bathymicrops brevianalis		1			2	3	2.0
Barathronus sp. A				2	1	3	2.0
Abyssobrotula galatheae				1	1	2	1.3
Sciadonus jonassoni					2	2	1.3
Histiobranchus bathybius			1	1		2	1.3
Unid. macrourid					2	2	1.3
Barathrites iris		2				2	1.3
Sciadonus galatheae		1				1	0.7
Bassozetus sp. 2				1		1	0.7
Gen. et sp. nov.		1				1	0.7
C. (Nematonurus) armatus				1		1	0.7
Bassozetus sp. 1			1			1	0.7
Total numbers	3	59	6	42	43		
Total spp.	2	9	5	10	7		
Mean fish wt (kg)	0.05	0.067	0.275	0.171	0.019		
						Mean	
kg/1000m²	0.007	0.034	0.011	0.052	0.005	0.02	
no/1000m²	0.144	0.510	0.040	0.303	0.281	0.26	

Table 29.2. Catch data of demersal fish from the 4 BN collections made at Great Meteor East.

Species	Stn 11262 - BN 1.5				Specimens	
	#15	#16	#17	#19	Total	%
Bathymicrops regis	1	4	11	13	29	82.85
Echinomacrurus mollis				2	2	5.714
C. (Chalinura) profundicola				1	1	2.857
Barathronus sp. A				1	1	2.857
Sciadonus jonassoni			1		1	2.857
Aphyonid sp. indet.				1	1	2.857
Total numbers	1	4	12	18	35	
Total species	1	4	2	5	6	

Table 29.3. General catch data and percentage occurrence of dominant species from the Porcupine Seabight and intervening stations (>4000m soundings) to Great Meteor East.

STN: area	PSB*	11116	11118	11121	10652	11134	GME+
Lat °N	49	47	45	41	37	34	31
Long °W	14-15	15	18	21	11	18	24-25
Soundings	4250-4787	4800	4565	4090	5112	4835	5440
No. samples	4	1	1	1	1	1	5
Sample size	119	35	26	95	38	43	153
Species richness	10	8	8	10	7	15	17
No./1000m²	0.38	0.33	0.25	1.12	0.64	0.55	0.26
kg/1000m²	0.43	0.31	0.10	0.43	0.08	0.18	0.02
Mean wt (kg)	1.20	0.92	0.38	0.38	0.13	0.33	0.12
% dominant spp							
C. (N.) armatus	49.1	37.1	15.4	13.8		7	0.7
C. (C.) leptolepis	27.1	14.3	28.9	71.3	2.6	4.7	
H. bathybius	13.8	5.7	3.8	1.1		2.3	1.3
C. (C.) profundicola		17.1	34.6	1.1	2.6	2.3	3.9
E. mollis			3.8	1.1	76.3	4.7	14.4
B. longipes	0.9	2.9	3.8	3.2	2.6	46.5	21.6
B. regis						7	42.5

* Combined data from 4 samples

+ " " " 5 "

Table 29.4 Percentage similarities between OTSB samples from the Porcupine Abyssal Plain (49°N) south to the GME site (31°N)

			PAP								GME		
Stn		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
°N		49	49	49	49	47	45	41	37	34	31	31	31
Mid-depth soundings (km)		4.3	4.4	4.5	4.8	4.8	4.6	4.1	5.1	4.8	5.4	5.4	5.4
Total specimens		47	23	12	34	35	26	95	39	43	59	42	41
	50910 (1)		86	71	91	57	46	45	3	14	0	4	0
	50811 (2)			80	83	61	46	56	3	14	0	4	0
PAP	50515 (3)				68	51	50	58	3	12	0	2	0
	50711 (4)					60	49	44	6	17	3	7	3
	11116 (5)						54	35	8	19	3	20	5
	11118 (6)							50	15	26	5	18	4
	11121#14 (7)								8	18	5	9	4
	10652 (8)									22	13	31	29
	11134#1 (9)										36	38	46
	11261#44 (10)											64	57
GME	#52 (11)												66
	#58 (12)												

Table 29.5 Size, sex and female maturity data for total (OTSB + BN) catches of demersal fish at Great Meteor East.

Species	Size range (mm)	Mean Weight (g)	Male	Female I	Female II	Female III/V	Sex Indet
SYNAPHOBRANCHIDAE							
Histiobranchus bathybius	910-986	1005	1	1			
IPNOPIDAE							
Bathypterois longipes*	53-217	30		9		24	
Gen. et sp. nov.*	125	8			1		
Bathymicrops regis*	53-98	1		24	10	54	6
B. brevianalis*	100-123	-					3
OPHIDIIDAE							
Abyssobrotula galatheae	93-100	5	2				
Barathrites iris	540-645	1200	1	1			
Bassozetus sp.1	260	17				1	
Bassozetus sp.2	465	455		1			
APHYONIDAE							
Barathronus sp.A	81-92	4	1	2#			1
Nybelinella erikssoni	42-73	1	4	2#			
Sciadonus galatheae	78	1	1				
S. jonassoni	40-41	1					3
Unidentified	-	-					1
MACROURIDAE							
C. (Chalinura) profundicola	60-134+	900	6	1			
C. (Nematonurus) armatus	132+	1780		1			
Echinomacrurus mollis	13-68+	91	9		1	5	9
Unidentified (damaged)	ca. 30+	-					2

+ Head length

* hermaphrodite: ovarian portion staged

unstaged female

Table 29.6. Dietary analysis of the four dominant fish species sampled at GME

	Bathymicrops regis			Bathypterois longipes			Echinomacrurus mollis			C. (Chalinura) profundicola		
No. examined	87			33			14			7		
No. with id. remains	15			21			13			6		
	(a)	(b)	(c)	(a)	(b)	(c)	(a)	(b)	(c)	(a)	(b)	(c)
ANNELIDA												
Polychaeta*	1	6.7	+	2	9.5	+	10	76.9	+	3	50.0	+
CRUSTACEA												
Ostracoda	1	6.7	1	2	9.5	2	3	23.1	6			
Copepoda	1	6.7	1	12	57.1	19	12	92.3	47	2	33.3	5
Isopoda	5	33.3	5	2	9.5	2	13	100.0	213	1	16.7	1
Amphipoda	1	6.7	1	6	28.6	7	9	69.2	22	2	33.3	2
Tanaidacea				1	4.8	1	5	38.5	6			
Mysidacea				1	4.8	1	2	15.4	3			
Decapoda	1	6.7	1	8	38.1	9	1	7.7	1	5	83.3	14(+)
Indet.	4	26.7	4	4	19.0	4						
MOLLUSCA												
Gastropoda							4	30.8	4			
Bivalvia							1	7.7	2	1	16.7	1
Cephalopoda										1	16.7	1
Pyrosoma										1	16.7	1
PISCES*				2	9.5	+						
FAECAL PELLETS	1	6.7	1									
SEDIMENT	5	33.3	+				13	100.0	+			
STONES							2	15.4	2			
TOTAL FOOD ITEMS	15(+)			49(+)			317(+)			28(+)		

(a) = Presence
(b) = Frequency (%)
(c) = no. of items

*No estimate of the number of organisms was possible; nominally 1/individual was taken in the total.

Table 30.2.1 Gastropoda from epibenthic sledge samples

PROSOBRANCHIA	
ARCHAEOGASTROPODA	
TROCHACEA	
TROCHIDAE	
Eudaronia sp.	9
Granigyra sp.	1
"Seguenzia"	23
"Skenia"	6
SOLARIIDAE	
Fluxinella sp.	2
TURBINIDAE	
Moelleriopsis sp.	11
MESOGASTROPODA	
RISSOACEA	
RISSOIDAE	
Benthonella tenella (Jeffreys, 1869)	2
Benthonella sp.	7
PTENOGLOSSA	
EULIMIDAE	
"Eulima" chionea Bouchet & Waren, 1986	1
TONNACEA	
Indetermined	5
Larvae	25
NEOGSTROPODA	
BUCCINACEA	
BUCCINIDAE	
Belomitra quadruplex (Watson, 1882)	!
OLIVIDAE	
Benthobia tryoni Dall, 1889	5
Benthobia tryoni Dall, 1889 larvae	1
TOXOGLOSSA	
TURRIDAE	
Benthomangelia decapitata Bouchet & Waren, 1980	17
Neopleurotomoides sp.	1
Pleurotenella benedicti Verrill & Smith, 1884	1
Pleurotenella sp.	1
Theta vayssierei (Dautzenberg, 1925)	2
Xanthodaphne sp.	2
Xanthodaphne larvae	1
OPISTHOBRANCHIA	
SCAPHANDRIDAE	
Scaphander sp.	1
RETUSIDAE	
Cylichnina sp.	1
Total	126

Table 30.3.1 Bivalvia from epibenthic sledge hauls 11262#15, #16, #17 and #19

	Number of specimens (%)[a]	Preserved wet weight (in grams) (%)[a]	Size[b]	Feeding mode[c]
SILICULIDAE				
Silicula filatovae Allen & Sanders, 1973	11 (1)	0.03 (<1)	S	D (S)
PRISTIGLOMATIDAE				
Pristigloma nitens (Jeffreys, 1876)	3 (<1)	<0.01 (<1)	S	D (S)
Microgloma turnerae Sanders & Allen, 1973	5 (<1)	<0.01 (<1)	S	D (S)
TINDARIIDAE				
Tindaria cf *callistiformis* Verrill & Bush, 1897	31 (4)	2.84 (5)	M	D
NUCULANIDAE				
Ledella ultima (Smith, 1885)	282 (39)	1.89 (4)	S	D (S)
Nuculana pallida (Smith, 1885)	41 (6)	10.52 (20)	L	D (S)
Taxodonta incerta sedis				
"*Yoldiella*"?	279 (38)	0.79 (2)	S	D (S)
PROPEAMUSSIIDAE				
Propeamussium permirum Dautzenberg, 1925	10 (1)	0.77 (1)	M	C
SEMELIDAE				
Abra profundorum (Smith, 1885)	67 (9)	35.24 (67)	L	D
VERTICORDIIDAE				
Lyonsiella frielei Allen & Turner, 1973	3 (<1)	<0.01 (<1)	S	C
POROMYIDAE				
Poromya tornata (Jeffreys, 1876)	1 (<1)	0.26 (1)	L	C
Total	733 (100)	52.35 (100)		

[a] Includes adjustment for reduced sampling efficiency of fine mesh centre net

[b] S - small (mean weight 1-7mg); M - medium (mean weight 75-93mg); L - large (mean weight 256-526mg)

[c] C - carnivore; D - detritivore; D (S) - detritivore with possible secondary supension-feeding ability.

Table 30.4.1 Benthic ostracods, uncorrected numbers: F = female, M = male, J = juvenile

	Station														
	11261#6			#43			#50			#52			#58		
	F	M	J	F	M	J	F	M	J	F	M	J	F	M	J
Henryhowella asperrima	9	11	8	1			21	22	20				25	19	11
H. dasyderma			5				3		20				2		7
"Thalassocythere" acanthoderma	8	2	2			1	3	4	22			1	20	6	19
Bosquetina mucronalatum							1		5		1	2			
Pelecocythere sylvesterbradleyi									1			1	2	1	6
Polycope sp.	1		5				1								
Krithe morkhoveni morkhoveni	7						12		16				3		5
K. maxima ssp. nov.		1					6	8	11				12	5	7
K. maxima ssp. nov.	1	1					6	7	9				11	2	4
K. prlixa							8						1		
K. vandenboldi		1					7	3	1				3	1	3
K. sp. nov.		2					2	1	1						
K. reversa								1	9	1	1				
K. sp. nov.									1						
Macrocypris sp.											1				
Argilloëcia sp. 1											1				
Argilloecia sp. 2											1				
Poseidonamicus pintoi									1				2	1	1
Poseidonamicus sp.	2	1	1	1											